Operate custom combining service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Operate a hay-hauling service.
» Operate a custom spraying service.
» Map fields, weeds, etc. for producers using GPS and GIS.

Future Careers (visit AgExplorer.com):
Precision Agriculture Specialist | Farm Business Manager | Mechanical Engineer

AGRIBUSINESS SYSTEMS

Operate custom hog-raising business.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Test the selection of young pigs based on grade and lean yield at slaughter.
» Start a manure removal business for acreage owners.
» Shadow a butcher.

Future Careers (visit AgExplorer.com):
Breeding/Multiplication Manager | Livestock Buyer | Sow Farm Manager

AGRIBUSINESS SYSTEMS

Operate custom heifer-raising service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a veterinarian assistant.
» Manage livestock show and supplies for FFA chapter.
» Rent land from a neighbor and grow crops.

Future Careers (visit AgExplorer.com):
Feedlot Manager | Herdsmen | Animal Caretaker/Operations Manager

AGRIBUSINESS SYSTEMS

Work at a seed corn dealership.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create a 10-minute presentation about careers in agribusiness for other FFA members.
» Conduct insect scouting for a seed corn company.
» Develop a test plot for various types of crops.

Future Careers (visit AgExplorer.com):
Commodity Procurement/Merchantiser | Retail Branch Manager | Agronomy Sales and Management

AGRIBUSINESS SYSTEMS

OWNERSHIP/ENTREPRENEURSHIP

OWNERSHIP/ENTREPRENEURSHIP

OWNERSHIP/ENTREPRENEURSHIP

OWNERSHIP/ENTREPRENEURSHIP
Operate a poultry litter clean-out service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study animal waste legislation at local, state and federal levels.
» Start a manure-removal business for acreage owners.
» Form a cooperative with other students to raise broiler chickens.

Future Careers (visit AgExplorer.com):
Poultry Farm Worker | Pressure Washer Operator | Sanitation Coordinator

AGRIBUSINESS SYSTEMS

Start a franchise of an existing fruit/vegetable stand.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Deliver vegetables and/or fruits to customers for a local grower.
» Study the impact of various styles of labels on people’s perception of food.
» Present a food safety demonstration to elementary students.

Future Careers (visit AgExplorer.com):
Supply Chain Manager | Inventory/Stock Specialist | Food Safety/Quality Assurance Manager

AGRIBUSINESS SYSTEMS

Operate a lawn maintenance/mowing service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct composting workshops for homeowners.
» Design, build and sell lawn ornaments.
» Start a leaf collection service in the fall and sell mulch in the spring.

Future Careers (visit AgExplorer.com):
Athletic Turf Manager | Nutrient/Waste Management Specialist | Landscape Designer

AGRIBUSINESS SYSTEMS

Start a service that cleans leaves from gutters.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a leaf collection service in the fall and sell mulch in the spring.
» Conduct composting workshops for homeowners.
» Start your own pruning business.

Future Careers (visit AgExplorer.com):
Sanitation Coordinator | Environmental Compliance Officer | Restoration Specialist

AGRIBUSINESS SYSTEMS
**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Start your own forage testing service.
» Test forage samples under various conditions to determine feed values.
» Work as a diesel mechanic assistant.

**Future Careers (visit AgExplorer.com):**
- Truck Driver
- Precision Agriculture Specialist
- Shipping Coordinator

**AGRIBUSINESS SYSTEMS**

**Operate a hay-hauling service.**

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Map fields, weeds, etc. for producers using GPS and GIS.
» Start a service to collect used pesticide containers.
» Conduct a local water quality study.

**Future Careers (visit AgExplorer.com):**
- Custom Applicator
- Precision Agriculture Specialist
- Aerial Applicator/Agricultural Pilot

**Operate a custom-spraying service.**

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Assist with produce selection at a grocery store.
» Research why new food fails to sell.
» Create posters that show foods from raw to finished product.

**Future Careers (visit AgExplorer.com):**
- Customer Service Representative
- Sales Representative: Food, Feed, Seed, Fuel
- Food Safety/Quality Assurance Manager

**AGRIBUSINESS SYSTEMS**

**Work as a produce manager in a grocery store.**

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Complete home or farmstead improvement construction activities.
» Work on plumbing waste systems, air and water systems in agricultural settings.
» Develop and implement a farm safety class for elementary students.

**Future Careers (visit AgExplorer.com):**
- Warehouse/Facility Manager
- Dispatcher
- Heavy Equipment Operator/Forklift Operator

**AGRIBUSINESS SYSTEMS**

**Work for a local cement company that builds agricultural structures.**
**Work as a grain tester/handler for a local elevator.**

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Monitor dust levels in the air at various sites and times throughout the year.
- Volunteer to do website and brochure development for local agricultural businesses.
- Research the changes in buying habits among farmers over time.

Future Careers (visit AgExplorer.com):
- Seed Production Technician
- Seed Production Agronomist
- Grain Elevator Manager

**AGRIBUSINESS SYSTEMS**

Work at a local feed store.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Research the changes in buying habits among farmers over time.
- Research the best diet to help obese pets lose weight.
- Create a 10-minute presentation for other FFA members about careers in agribusiness.

Future Careers (visit AgExplorer.com):
- Feed Mill Operator
- Retail Branch Manager
- Logistics and Supply Chain Manager

**AGRIBUSINESS SYSTEMS**

**Be a sales associate at a garden or farm supply store.**

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Research the changes in buying habits among farmers over time.
- Create an ad promotion for local food products on your chapter website.
- Create a 10-minute presentation for other FFA members about careers in agribusiness.

Future Careers (visit AgExplorer.com):
- Retail Branch Manager
- Sales Representative: Food, Feed, Seed, Fuel
- Marketing Specialist

**AGRIBUSINESS SYSTEMS**

Work for a local tax accountant who handles agriculture customers.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Volunteer to assist FFA members with records and applications.
- Study the change in input costs over time for a given agricultural business.
- Research the amount of a consumer’s dollar that reaches the farmer in various commodities.

Future Careers (visit AgExplorer.com):
- Accountant
- Budget Analyst
- Controller

**AGRIBUSINESS SYSTEMS**
Work for a local agricultural insurance agency.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research cost of production in your area compared to other areas of your state/country.
» Shadow an agriculture banker or loan officer.
» Each week, find two articles about the economics of agriculture.

Future Careers (visit AgExplorer.com):
Crop Adjuster | Risk Management Manager | Agriculture Financial Service Representative

Work for an agricultural marketing services company.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Interview salespeople at the local greenhouse about customer buying habits.
» Create an ad promotion for local food products on your chapter website.
» Volunteer to do website and brochure development for local agricultural businesses.

Future Careers (visit AgExplorer.com):
Marketing Specialist | Public Relations Specialist | Process/Continuous Improvement Manager

AGRIBUSINESS SYSTEMS

Volunteer to assist FFA members with records and applications.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a local tax accountant who handles agriculture customers.
» Assist other students in applying for youth loans.
» Create hands-on classroom activities.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Accounting Manager | Budget Analyst

Work for an irrigation service provider.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist landowners with installation of soil conservation practices.
» Assist community watershed action groups.
» Research the water savings accomplished by new irrigation technologies.

Future Careers (visit AgExplorer.com):
Irrigation Specialist | Water Treatment Technician | Hydrologist

AGRIBUSINESS SYSTEMS
Work for an agriculture auctioneer service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Manage a livestock show and supplies for your FFA chapter.
» Work at a livestock farm or a ranch.
» Staff FFA displays that have farm animals at county and state fairs.

Future Careers (visit AgExplorer.com):
- Livestock Auctioneer
- Livestock Buyer
- Communications Specialist

AGRIBUSINESS SYSTEMS

Interview salespeople at the local greenhouse about customer buying habits.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Take inventory of and categorize all agriculture-related businesses in the community.
» Start a weekly price-reporting service to publish in a newsletter.
» Work at a nursery.

Future Careers (visit AgExplorer.com):
- Purchasing Analyst
- Sales Representative: Food, Feed, Seed, Fuel
- Greenhouse Manager

AGRIBUSINESS SYSTEMS

Work as an assistant sales manager at a turf equipment company.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an agricultural marketing services company.
» Research the best turf grass varieties for your area.
» Research the effects of erosion on various cover crops.

Future Careers (visit AgExplorer.com):
- Athletic Turf Manager
- Sales Trainer
- Chief Operating Officer

AGRIBUSINESS SYSTEMS

Take inventory of and categorize all agriculture-related businesses in the community.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create a 10-minute presentation about careers in agribusiness for other FFA members.
» Each week, find two articles about the economics of agriculture.
» Produce a weekly column about agricultural issues for a newspaper.

Future Careers (visit AgExplorer.com):
- Agricultural Lobbyist
- Agricultural Literacy and Advocacy Specialist
- Chief Executive Officer
Research cost of production in your area compared to other areas of your state/country.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research the cost versus return of automating systems in an agricultural processing facility.
- Research the changes in buying habits among farmers over time.
- Work as an intern for the local agriculture department.

**Future Careers** (visit AgExplorer.com):
- Financial Analyst
- Agriculture Literacy and Advocacy Specialist
- Purchasing Analyst

**AGRIBUSINESS SYSTEMS**

Research the changes in buying habits among farmers over time.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work for an agricultural marketing services company.
- Start a weekly price-reporting service to publish in a newsletter.
- Be a sales associate at a garden or farm supply store.

**Future Careers** (visit AgExplorer.com):
- Agriculture Financial Service Representative
- Pricing Coordinator
- Product Development Manager/Demand Planner

**AGRIBUSINESS SYSTEMS**

Study the change in input costs over time for a given agricultural business.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research the changes in buying habits among farmers over time.
- Research the water savings accomplished by new irrigation technologies.
- Work for a local tax accountant who handles agriculture customers.

**Future Careers** (visit AgExplorer.com):
- Financial Analyst
- Budget Analyst
- Agriculture Financial Service Representative

**AGRIBUSINESS SYSTEMS**

Research the amount of a consumer's dollar that reaches the farmer in various commodities.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work as an intern for the local agriculture department.
- Each week, find two articles about the economics of agriculture.
- Work for a local tax accountant who handles agriculture customers.

**Future Careers** (visit AgExplorer.com):
- Financial Analyst
- Chief Financial Officer
- Purchasing Analyst

**AGRIBUSINESS SYSTEMS**
Conduct insect scouting for a seed corn company.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research the impact of various insects on woodlot management.
- Work for an agricultural seed cleaning and bagging company.
- Work as a grain tester/handler for a local elevator.

**Future Careers (visit AgExplorer.com):**
- Crop Scout
- Entomologist
- Pest Control Advisor

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Assist other students in applying for youth loans.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Shadow an agriculture banker or loan officer.
- Volunteer to assist FFA members with records and applications.
- Work for a local tax accountant who handles agriculture customers.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Credit Analyst
- Risk Management Specialist

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Start a weekly price-reporting service to publish in a newsletter.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Each week, find two articles about the economics of agriculture.
- Research cost of production in your area compared to other areas of your state/country.
- Create podcasts about agricultural issues.

**Future Careers (visit AgExplorer.com):**
- Purchasing Analyst
- Agriculture Broadcaster
- Agriculture Financial Service Representative

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Each week, find two articles about the economics of agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research cost of production in your area compared to other areas of your state/country.
- Shadow an agriculture banker or loan officer.
- Produce a weekly column about agricultural issues for a newspaper.

**Future Careers (visit AgExplorer.com):**
- Agricultural Journalist
- Agriculture Financial Service Representative
- Agriculture Financial Service Representative
Shadow an agriculture banker or loan officer.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research the amount of a consumer's dollar that reaches the farmer in various commodities.
- Assist other students in applying for youth loans.
- Each week, find two articles about the economics of agriculture.

**Future Careers (visit AgExplorer.com):**
- Agriculture Loan Officer
- Credit Analyst
- Crop Adjuster

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**

**Future Careers (visit AgExplorer.com):**
Create a 10-minute presentation about careers in agribusiness for other FFA members.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Take inventory of and categorize all agriculture-related businesses in the community.
- Create hands-on classroom activities.
- Work as an intern for the local agriculture department.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Agricultural Literacy and Advocacy Specialist
- Agriculture Journalist

**AGRICULTURAL COMMUNICATIONS AND EDUCATION**

Provide a website and brochure development service for local agricultural businesses.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Start a basic computer help service for area agriculture producers.
- Work for an agricultural marketing services company.
- Maintain your chapter webpage.

**Future Careers (visit AgExplorer.com):**
- Social Media Strategist
- Communications Specialist
- Information Technology Web Developer

Work as an intern for the local agriculture department.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create podcasts about agricultural issues.
- Create and produce a weekly television or radio show about FFA and agriculture.
- Shadow officials at a government natural resources agency.

**Future Careers (visit AgExplorer.com):**
- Advisor: Government/Stakeholder Relations
- Agriculture Legislative Assistant
- Agricultural Lawyer

**AGRICULTURAL COMMUNICATIONS AND EDUCATION**

Produce a weekly column about agricultural issues for a newspaper.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Each week, find two articles about the economics of agriculture.
- Work as an intern for the local agriculture department.
- Shadow officials at a government natural resources agency.

**Future Careers (visit AgExplorer.com):**
- Agriculture Journalist
- Agricultural Lobbyist
- Communications Specialist
Create hands-on classroom curriculum activities.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create a teaching model to show how a small gas engine works.
» Conduct a field demonstration on GPS systems for elementary students.
» Create activities or laboratories for a natural resources class.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher
Extension Faculty
College/University Professor

Create posters that show foods from raw to finished product.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an agricultural marketing services company.
» Help at a local fruit/vegetable stand.
» Study the impact of various styles of labels on people's perception of the food.

Future Careers (visit AgExplorer.com):
Extension Agent
Marketing Specialist
Agriculture Science Teacher

Create an ad promotion for local food products on your chapter website.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an agricultural marketing services company.
» Research why new food fails to sell.
» Study the impact of various styles of labels on people's perception of the food.

Future Careers (visit AgExplorer.com):
Marketing Specialist
Agricultural Literacy and Advocacy Specialist
Food Stylist

Provide outdoor educational material at camps.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research your local parks to find out what activities people like and use the most.
» Work for the natural resources and conservation district.
» Work for a nature center.

Future Careers (visit AgExplorer.com):
Extension Agent
Conservationist
Human Resources Manager
Staff FFA displays that have farm animals at county and state fairs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Plan and implement a “hands-on” livestock field trip.
» Manage a livestock show and supplies for your FFA chapter.
» Create posters that show foods from raw to finished product.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Event Manager | Public Relations Specialist

AGRICULTURAL COMMUNICATIONS AND EDUCATION
Prepare a food safety information kit covering safe handling of meat, eggs and other fresh food products.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research incidents of food-borne illnesses in the community.
» Present a food safety demonstration to elementary students.
» Create posters that show foods from raw to finished product.

Future Careers (visit AgExplorer.com):
Sanitation Coordinator | Food Safety Specialist | Food Safety/Quality Assurance Manager

AGRICULTURAL COMMUNICATIONS AND EDUCATION
Plan and implement a “hands-on” livestock field trip.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Organize and/or run a petting zoo at local fairs or farmers’ markets.
» Work at a livestock farm or a ranch.
» Plan a wildlife field trip.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Agricultural Literacy and Advocacy Specialist | Ranch Manager

AGRICULTURAL COMMUNICATIONS AND EDUCATION
Present a food safety demonstration to elementary students.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research incidents of food-borne illnesses in the community.
» Interview three companies that process or package food products.
» Prepare a food safety information kit covering safe handling of meat, eggs and other fresh food products.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Food Safety Specialist | Occupational Health and Safety Manager
Create activities or laboratories for a natural resources class.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Habitat construction—make brush piles, plant wildlife habitat, etc.
- Organize and participate in a wildlife field day.
- Create a brochure on creating wildlife habitats in backyards to share with the community.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Agricultural Literacy and Advocacy Specialist
- College/University Professor

Agricultural Communications and Education

Organize and participate in a wildlife field day.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work for a park service during the summer.
- Shadow officials at a government natural resources agency.
- Work for the fish and game department.

**Future Careers (visit AgExplorer.com):**
- Event Manager
- Agriculture Science Teacher
- Game Warden

Start your own fish pond to sell fish and fishing lessons.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Raise fish for the state fish and game department.
- Work at a bait shop.
- Raise fish and sell to local restaurants.

**Future Careers (visit AgExplorer.com):**
- Fisheries Technician
- Aquaculture Hatchery Manager
- Game Warden

Agricultural Communications and Education

Plan a field trip to a local farm for elementary students.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work for the state or national agriculture department.
- Intern for a farm organization.
- Work for an agricultural tour company.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Event Manager
- Extension Agent
Create posters on soil conservation practices for homeowners.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create and sell soil survey maps for area farmers and landowners.
» Study soil profiles from multiple locations in your community and develop a soil map.
» Research the benefits of a Conservation Resource Program (CRP).

Future Careers (visit AgExplorer.com):
Conservationist | Soil Scientist | Extension Agent

AGRICULTURAL COMMUNICATIONS AND EDUCATION

Create a brochure on creating wildlife habitats in backyards to share with the community.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Habitat construction—make brush piles, plant wildlife habitat, etc.
» Study the effects of excessive lawn chemicals on wildlife.
» Interview a naturalist.

Future Careers (visit AgExplorer.com):
Restoration Specialist | Environmental Compliance Officer | Extension Agent

AGRICULTURAL COMMUNICATIONS AND EDUCATION

Create a brochure about common houseplant diseases and how to take care of them.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Grow and sell plants through the high school greenhouse.
» Plan plant-related activities and laboratories for your class.
» Work for a local flower shop doing design, plant care, deliveries, etc.

Future Careers (visit AgExplorer.com):
Horticulturist | Extension Agent | Greenhouse Manager

AGRICULTURAL COMMUNICATIONS AND EDUCATION

Start a basic computer help service for area agriculture producers.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Design custom computer programs using Excel or other software to solve problems for producers.
» Shadow a computer professional in any agriculture-related industry.
» Research the differences among farm management software systems.

Future Careers (visit AgExplorer.com):
Information Technology Analyst | Information Technology Specialist | Customer Service Representative

AGRICULTURAL COMMUNICATIONS AND EDUCATION
Design and sell business cards, stationery, etc. for agricultural businesses or chapter members.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an agricultural marketing services company.
» Maintain the chapter webpage.
» Perform website and brochure development for local agricultural businesses.

Future Careers (visit AgExplorer.com):
- Brand Manager
- Graphic Design Artist
- Human Resources Generalist

Agricultural Communications and Education
Design a classroom demonstration on automated systems.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a local university in the area of robotics in agriculture.
» Research the cost versus return of automating systems in an agricultural processing facility.
» Shadow a computer professional in any agriculture-related industry.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Research and Development Technician
- Automation Technician/Coordinator

Conduct a field demonstration on GPS systems for elementary students.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist with GPS mapping for an agronomic services company.
» Prepare a 10-minute presentation on GIS mapping for forestry, wildlife, soil and water management.
» Start a custom spraying service that utilizes GPS.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Geospatial Analytics Scientist
- Precision Agriculture Specialist

Create FFA recruiting or promotional videos.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create podcasts about agricultural issues.
» Work for an agricultural marketing services company.
» Create a 10-minute presentation about careers in agribusiness for other FFA members.

Future Careers (visit AgExplorer.com):
- Marketing Specialist
- Agriculture Journalist
- Agriculture Broadcaster
Create and produce a weekly television or radio show about FFA and agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create podcasts about agricultural issues.
- Interview area agriculture producers about the changes in technology over the past 50 years.
- Interview three companies that process or package food products.

**Future Careers (visit AgExplorer.com):**
- Agriculture Broadcaster
- Agriculture Journalist
- Public Relations Specialist

**AGRICULTURAL COMMUNICATIONS AND EDUCATION**

Prepare a 10-minute presentation on GIS mapping for forestry, wildlife, soil and water management.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research the benefits of using GIS mapping for natural resources.
- Map fields, weeds, etc. for producers using GPS and GIS.
- Study soil profiles from multiple locations in your community and develop a soil map.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Precision Agriculture Specialist
- Geospatial Analytics Scientist

Maintain the chapter web page.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Make business cards, stationery, etc. for businesses or chapter members.
- Work for an agricultural marketing services company.
- Design a website for a local agriculture group.

**Future Careers (visit AgExplorer.com):**
- Information Technology Web Developer
- Social Media Strategist
- Graphic Designer

**AGRICULTURAL COMMUNICATIONS AND EDUCATION**

Create a teaching model to show how a small gas engine works.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work as an assistant for an auto, truck or tractor mechanic.
- Construct prototypes of hydraulic systems.
- Work for a small engine repair shop—overhaul and repair.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- College/University Professor
- Mechanical Engineer
Create a demonstration model that shows proper and improper welding techniques.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Test the strength of different types of welds.
» Work in a welding shop.
» Manage the steel inventory in the agriculture shop.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Mechanical Engineer | Welder

Agricultural Communications and Education
Lead a farm safety program for elementary students.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research rate of accidents on area farms and compare to national averages.
» Present a food safety demonstration to elementary students.
» Create hands-on classroom activities.

Future Careers (visit AgExplorer.com):
Event Manager | Occupational Health and Safety Manager | Agriculture Science Teacher

Create podcasts about agricultural issues.

Volunteer to design a website for a local agriculture group.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an agricultural marketing services company.
» Provide basic internet and email training to producers to increase their level of confidence in using technology.
» Maintain the chapter webpage.

Future Careers (visit AgExplorer.com):
Graphic Designer | Social Media Strategist | Information Technology Web Developer

Agricultural Communications and Education
SCHOOL-BASED ENTERPRISE
Create podcasts about agricultural issues.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as an intern for the local agriculture department.
» Create and produce a weekly television or radio show about FFA and agriculture.
» Interview area agriculture producers about the changes in technology over the past 50 years.

Future Careers (visit AgExplorer.com):
Agriculture Broadcaster | Agricultural Literacy and Advocacy Specialist | Social Media Strategist

Agricultural Communications and Education
EXPLORATORY
Buy and show a calf at fairs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Manage a livestock show and supplies for your FFA chapter.
» Staff FFA displays that have farm animals at county and state fairs.
» Study the effects of genetic selection in groups of animals over time.

Future Careers (visit AgExplorer.com):
- Herdsmen
- Livestock Buyer
- Feedlot Manager

ANIMAL SYSTEMS

Grow catfish to sell to local cafés.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Raise fish for the state fish and game department.
» Work at a commercial fishing operation where they harvest carp, buffalo, etc. from the area lakes and sell them.
» Start a fish pond and teach others how to fish.

Future Careers (visit AgExplorer.com):
- Aquaculturist
- Aquaculture Hatchery Manager
- Fisheries Technician

ANIMAL SYSTEMS

Form a cooperative with other students to raise broiler chickens.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct feed trials for growing broiler chickens.
» Raise and sell farm-fresh eggs.
» Operate a poultry litter clean-out service.

Future Careers (visit AgExplorer.com):
- Poultry Farm Worker
- Animal Caretaker/Operations Manager
- Poultry Hatchery Manager

ANIMAL SYSTEMS

Operate a pet-sitting service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Discover the number of pet owners in the community and their priority concerns.
» Provide a home for homeless pets.
» Work at a pet shop.

Future Careers (visit AgExplorer.com):
- Animal Physical Therapist
- Small Animal Veterinarian
- Customer Service Representative

ANIMAL SYSTEMS

ANIMAL SYSTEMS
Organize and/or run a petting zoo at local fairs or farmers' markets.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Staff FFA displays that have farm animals at county and state fairs.
» Plan and implement a "hands-on" livestock field trip.
» Volunteer to assist with a livestock show or county fair.

Future Careers (visit AgExplorer.com):
Event Manager | Agriculture Teacher | Agricultural Literacy and Advocacy Specialist

Provide equine-training services.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist a horse group that works with students with disabilities.
» Work at a horse stable.
» Coordinate and conduct a horse safety camp.

Future Careers (visit AgExplorer.com):
Horse Trainer/Instructor | Penrider | Bloodstock Agent

Provide a kennel-cleaning service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study animal waste legislation at local, state and federal levels.
» Start a dog-walking business.
» Assist at a local animal shelter.

Future Careers (visit AgExplorer.com):
Nutrient/Waste Management Specialist | Small Animal Veterinarian | Customer Service Representative

Provide fishing and hiking services for area youth groups and elementary students.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a fish pond and teach others how to fish.
» Research your local parks to find out what activities people like and use the most.
» Assist local city management with summer programs by serving as guides.

Future Careers (visit AgExplorer.com):
Extension Agent | Ecologist | Conservationist

ANIMAL SYSTEMS

ANIMAL SYSTEMS

ANIMAL SYSTEMS

ANIMAL SYSTEMS
Raise and sell farm-fresh eggs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research cage layers versus floor layers for egg production.
» Form a cooperative with other students to raise broiler chickens.
» Create posters that show foods from raw to finished product.

Future Careers (visit AgExplorer.com):
- Poultry Hatchery Manager
- Poultry Farm Worker
- Packaging Engineer

Raise and sell purebred dogs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a dog obedience-training service.
» Discover the number of pet owners in the community and their priority concerns.
» Assist at a local animal shelter.

Future Careers (visit AgExplorer.com):
- Breeding/Multiplication Manager
- Small Animal Veterinarian
- Veterinary Technician

ANIMAL SYSTEMS

Raise and train hunting dogs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a dog obedience-training service.
» Raise game birds to sell for the training of bird dogs.
» Work as a wildlife outfitter or guide.

Future Careers (visit AgExplorer.com):
- Breeding/Multiplication Manager
- Small Animal Veterinarian
- Veterinary Technician

ANIMAL SYSTEMS

Raise chinchillas, hamsters or gerbils and sell them on the internet.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Discover the number of pet owners in the community and their priority concerns.
» Work at a university research lab caring for small animals.
» Volunteer to do website and brochure development for local agricultural businesses.

Future Careers (visit AgExplorer.com):
- Breeding/Multiplication Manager
- Small Animal Veterinarian
- Communications Specialist
ANIMAL SYSTEMS

Raise fish for the state fish and game department.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Stock and maintain fish populations in ponds.
» Start a fish pond and teach others how to fish.
» Provide fishing and hiking services for area youth groups and elementary students.

Future Careers (visit AgExplorer.com):
Aquaculture Hatchery Manager | Aquaculturist | Fisheries Technician

ANIMAL SYSTEMS

Raise game fish to sell to stock ponds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for the state fish and game department.
» Start a fish pond and teach others how to fish.
» Research best practices for improving fish habitat in local ponds.

Future Careers (visit AgExplorer.com):
Aquaculture Hatchery Manager | Aquaculturist | Fisheries Technician

ANIMAL SYSTEMS

Raise game birds to sell for the training of bird dogs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Raise wild game fowl for sale to local hunters.
» Develop hunting ranges; set up indoor/outdoor ranges for bow competitions.
» Work as a wildlife outfitter or guide.

Future Careers (visit AgExplorer.com):
Poultry Farm Worker | Falconer | Game Warden

ANIMAL SYSTEMS

Raise indigenous snakes and release them into the wild (in an approved area) each summer.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work on an exotic animal farm.
» Work for a landowner to plant habitat for wild game.
» Habitat construction—make brush piles, a plant wildlife habitat, etc.

Future Careers (visit AgExplorer.com):
Conservationist | Restoration Specialist | Zoologist
ANIMAL SYSTEMS

Raise market pigs.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research feed trials testing different swine diets.
» Test the selection of young pigs based on grade and lean yield at slaughter.
» Work at a meat production plant.

Future Careers (visit AgExplorer.com):
- Animal Caretaker/Operations Manager
- Swine Finishing Farm Manager
- Swine Nursery Farm Worker

ANIMAL SYSTEMS

Raise your own livestock or specialty animals.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work at the local livestock auction barn.
» Study the effects of genetic selection in groups of animals over time.
» Plan and implement a “hands-on” livestock field trip.

Future Careers (visit AgExplorer.com):
- Ranch Manager
- Animal Caretaker/Operations Manager
- Beef Farm Worker

ANIMAL SYSTEMS

Raise pheasants or quail to be released into the wild.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Raise game birds to sell for the training of bird dogs.
» Raise wild game fowl for sale to local hunters.
» Construct and sell game feeders.

Future Careers (visit AgExplorer.com):
- Poultry Hatchery Manager
- Conservationist
- Falconer

ANIMAL SYSTEMS

Run a trapping business.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for the state fish and game department.
» Research methods of predator control and trapping.
» Develop marshlands for game.

Future Careers (visit AgExplorer.com):
- Conservationist
- Evisceration Processor
- Game Warden
Start a dog obedience-training service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a dog-walking business.
» Take small animals to nursing homes for visits.
» Operate a pet-sitting service.

Future Careers (visit AgExplorer.com):
Small Animal Veterinarian | Animal Physical Therapist | Customer Service Representative

ANIMAL SYSTEMS

Assist a horse group that works with students with disabilities.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Coordinate and conduct a horse safety camp.
» Provide equine-training services.
» Work at a horse stable.

Future Careers (visit AgExplorer.com):
Horse Trainer/Instructor | Penrider | Agriculture Science Teacher

Work at a horse stable.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a veterinary assistant.
» Coordinate and conduct a horse safety camp.
» Assist a horse group that works with students with disabilities.

Future Careers (visit AgExplorer.com):
Bloodstock Agent | Horse Trainer/Instructor | Penrider
Create a classroom pet adoption program with elementary schools.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Discover the number of pet owners in the community and their priority concerns.
» Provide a home for homeless pets.
» Take care of classroom animals.

Future Careers (visit AgExplorer.com):
Small Animal Veterinarian | Veterinary Assistant | Communications Specialist

ANIMAL SYSTEMS

Manage a small aquatics lab.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a water sample-collecting service.
» Conduct a local water-quality study.
» Maintain the school’s aquaculture system.

Future Careers (visit AgExplorer.com):
Saltwater Husbandry Technician | Aquaculturist | Laboratory Technician

ANIMAL SYSTEMS

Maintain the school’s aquaculture system.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work at a commercial fishing operation where they harvest carp, buffalo, etc. from the area lakes and sell them.
» Work at a fishery monitoring water quality.
» Maintain aquariums for local businesses.

Future Careers (visit AgExplorer.com):
Aquaculturist | Saltwater Husbandry Technician | Fisheries Technician

ANIMAL SYSTEMS

Participate in a mentorship program with a taxidermist.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Run a trapping business.
» Create activities or laboratories for a natural resources class.
» Build bat, bird, duck or squirrel houses for use or sale.

Future Careers (visit AgExplorer.com):
Evisceration Processor | Slaughter Processor - Deboning | Game Warden

ANIMAL SYSTEMS
ANIMAL SYSTEMS

Take care of classroom animals.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a pet-sitting service
» Take small animals to nursing homes for visits.
» Organize and/or run a petting zoo at local fairs or farmers’ markets.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Small Animal Veterinarian | Veterinary Assistant

Work as a veterinary assistant.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist at a local animal shelter.
» Volunteer to assist with a livestock show or county fair.
» Create a 10-minute presentation about careers in agribusiness for other FFA members.

Future Careers (visit AgExplorer.com):
Food Animal Veterinarian | Small Animal Veterinarian | Veterinary Assistant

Work as a beef feedlot assistant.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research cost of production in your area compared to other areas of your state/country.
» Plan and implement a “hands-on” livestock field trip.
» Conduct a survey of all livestock operations in your area.

Future Careers (visit AgExplorer.com):
Herd Nutritionist | Feedlot Manager | Beef Farm Worker

Work as a wildlife outfitter or guide.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Serve as a hunting guide.
» Plan a wildlife field trip.
» Assist local city management with summer programs by serving as guides.

Future Careers (visit AgExplorer.com):
Conservationist | Environmental Compliance Officer | Game Warden
Work at a university research lab caring for small animals.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Discover the number of pet owners in the community and their priority concerns.
» Take care of classroom animals.
» Work as a veterinary assistant.

Future Careers (visit AgExplorer.com):
Small Animal Veterinarian | Laboratory Technician | College Recruiter

Work at a pet shop.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the best diet to help obese pets lose weight.
» Operate a pet-sitting service.
» Create a classroom pet adoption program with elementary schools.

Future Careers (visit AgExplorer.com):
Procurement Specialist | Customer Service Representative | Animal Physical Therapist

Work at a livestock farm or a ranch.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct a survey of all livestock operations in your area.
» Volunteer to assist with a livestock show or county fair.
» Plan and implement a “hands-on” livestock field trip.

Future Careers (visit AgExplorer.com):
Ranch Manager | Penrider | Livestock Loader

Work at the local livestock auction barn.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Staff FFA displays that have farm animals at county and state fairs.
» Volunteer to assist with a livestock show or county fair.
» Work for an agriculture auctioneer service.

Future Careers (visit AgExplorer.com):
Livestock Grader | Logistics and Supply Chain Manager | Logistics and Supply Chain Manager
Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Manage a livestock show and supplies for your FFA chapter.
» Coordinate and conduct a horse safety camp.
» Work as a veterinary assistant.

Future Careers (visit AgExplorer.com):
Ranch Manager | Herdsmen | Event Manager

Work for a rodeo company caring for animals and assisting with rodeos.

ANIMAL SYSTEMS

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research methods of predator control and trapping.
» Run a trapping business.
» Conduct surveys of wildlife populations.

Future Careers (visit AgExplorer.com):
Environmental Compliance Officer | Restoration Specialist | Game Warden

Work for a predator control service.

ANIMAL SYSTEMS

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Shadow officials at a government natural resources agency.
» Research the effectiveness of habitat restoration projects in your community.
» Raise indigenous snakes and release them into the wild (in an approved area) each summer.

Future Careers (visit AgExplorer.com):
Conservation Officer | Game Warden | Environmental Compliance Officer

Work for the state fish and game department.

ANIMAL SYSTEMS
Work in a grocery store’s meats department.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.
» Shadow a USDA meat inspector.
» Work at a meat production plant.

Future Careers (visit AgExplorer.com):
Food Safety/Quality Assurance Manager | Packaging Engineer | Slaughter Processor - Trimming/Cutter

ANIMAL SYSTEMS

Work on a dairy farm or a heifer-raising farm.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the effectiveness of various estrus synchronization hormones.
» Study the effects of genetic selection in groups of animals over time.
» Operate a custom heifer-raising service.

Future Careers (visit AgExplorer.com):
Herdsmen | Breeding/Multiplication Manager | Dairy Farm Worker

ANIMAL SYSTEMS

Work on an exotic animal farm.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist at a local animal shelter.
» Work as a veterinary assistant.
» Raise indigenous snakes and release them into the wild (in an approved area) each summer.

Future Careers (visit AgExplorer.com):
Zoologist | Falconer | Procurement Specialist

ANIMAL SYSTEMS

Conduct feed trials for growing broiler chickens.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Form a cooperative with other students to raise broiler chickens.
» Raise pheasants or quail to be released into the wild.
» Raise and sell farm-fresh eggs.

Future Careers (visit AgExplorer.com):
Research Station Manager | Poultry Farm Worker | Feed Mill Manager

ANIMAL SYSTEMS
Research cage layers versus floor layers for egg production.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Form a cooperative with other students to raise broiler chickens.
» Operate a poultry litter clean-out service.
» Raise and sell farm-fresh eggs.

Future Careers (visit AgExplorer.com):
- Poultry Hatchery Manager
- Poultry Farm Worker
- Research Station Manager

ANIMAL SYSTEMS

Research feed trials testing different swine diets.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Raise market pigs.
» Operate a custom hog-raising business.
» Research the effects of livestock feed on waste issues.

Future Careers (visit AgExplorer.com):
- Herd Nutritionist
- Swine Finishing Farm Manager
- Reproductive or Nutritional Specialist

Research the effectiveness of various estrus synchronization hormones.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a veterinary assistant.
» Study the effects of genetic selection in groups of animals over time.
» Work on a dairy farm or heifer-raising farm.

Future Careers (visit AgExplorer.com):
- Reproductive or Nutritional Specialist
- Breeding/Multiplication Manager
- Embryologist

ANIMAL SYSTEMS

Research methods of predator control and trapping.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a predator control service.
» Work for the fish and game department.
» Conduct surveys of wildlife populations.

Future Careers (visit AgExplorer.com):
- Bioinformatics Scientist
- Environmental Compliance Officer
- Game Warden
Discover the number of pet owners in the community and their priority concerns.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Work for a pet-sitting service.
» Research the best diet to help obese pets lose weight.
» Take small animals to nursing homes for visits.

**Future Careers (visit AgExplorer.com):**
- Purchasing Analyst
- Customer Service Representative
- Research Associate

**ANIMAL SYSTEMS**

Study the effects of genetic selection in groups of animals over time.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Work at a livestock farm or a ranch.
» Research the effectiveness of various estrus synchronization hormones.
» Operate a custom heifer-raising service.

**Future Careers (visit AgExplorer.com):**
- Animal Geneticist
- Breeding/Multiplication Manager
- Reproductive or Nutritional Specialist

Research the best diet to help obese pets lose weight.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Discover the number of pet owners in the community and their priority concerns.
» Take care of classroom animals.
» Work at a university research lab caring for small animals.

**Future Careers (visit AgExplorer.com):**
- Ruminant Nutritionist
- Reproductive or Nutritional Specialist
- Veterinary Pathologist

**ANIMAL SYSTEMS**

Test the selection of young pigs based on grade and lean yield at slaughter.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Research feed trials testing different swine diets.
» Operate a custom hog-raising business.
» Raise market pigs.

**Future Careers (visit AgExplorer.com):**
- Livestock Grader
- Swine Nursery Farm Worker
- Reproductive or Nutritional Specialist
Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Discover the number of pet owners in the community and their priority concerns.
» Create a classroom pet adoption program with elementary schools.
» Take small animals to nursing homes for visits.

Future Careers (visit AgExplorer.com):
Veterinary Assistant | Administrative Assistant | Animal Physical Therapist

ANIMAL SYSTEMS

Conduct surveys of wildlife populations.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Organize and participate in a wildlife field day.
» Habitat construction—make brush piles, plant a wildlife habitat, etc.
» Research methods of predator control and trapping.

Future Careers (visit AgExplorer.com):
Game Warden | Zoologist | Bioinformatics Scientist

ANIMAL SYSTEMS

Conduct a survey of all livestock operations in your area.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work at a livestock farm or a ranch.
» Plan and implement a “hands-on” livestock field trip.
» Work as an intern for the local agriculture department.

Future Careers (visit AgExplorer.com):
Process/Continuous Improvement Manager | Ranch Manager | Agricultural Lobbyist

ANIMAL SYSTEMS

 Coordinate and conduct a horse safety camp.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist a horse group that works with students with disabilities.
» Work at a horse stable.
» Volunteer to assist with a livestock show or county fair.

Future Careers (visit AgExplorer.com):
Horse Trainer/Instructor | Event Manager | Occupational Health and Safety Manager
Maintain aquariums for local businesses.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Maintain the school’s aquaculture system.
- Work at a fishery monitoring water quality.
- Take part in a mentorship program with the local soil and water conservation district.

**Future Careers (visit AgExplorer.com):**
- Aquaculturist
- Saltwater Husbandry Technician
- Fisheries Technician

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Manage a livestock show and supplies for your FFA chapter.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Volunteer to assist with a livestock show or county fair.
- Work at the local livestock auction barn.
- Staff FFA displays that have farm animals at county and state fairs.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Livestock Loader
- Ranch Manager

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Provide a home for homeless pets.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create a classroom pet adoption program with elementary schools.
- Discover the number of pet owners in the community and their priority concerns.
- Operate a pet-sitting service.

**Future Careers (visit AgExplorer.com):**
- Animal Physical Therapist
- Small Animal Veterinarian
- Veterinary Assistant

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Take small animals to nursing homes for visits.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work at a pet shop.
- Assist at local animal shelter.
- Operate a pet-sitting service.

**Future Careers (visit AgExplorer.com):**
- Animal Physical Therapist
- Human Resources Manager
- Public Relations Manager
Volunteer to assist with a livestock show or county fair.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Manage a livestock show and supplies for your FFA chapter.
» Buy and show a calf at fairs.
» Staff FFA displays that have farm animals at county and state fairs.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher, Livestock Loader, Livestock Auctioneer

ANIMAL SYSTEMS

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?

Future Careers (visit AgExplorer.com):
Investigate the relationship between past, current and emerging applications of biotechnology in agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Analyze the relationship and implications of bioethics, laws and public perceptions on applications of biotechnology in agriculture.
- Research the biggest challenges producers face when adopting new technology.
- Research the adoption of technology by agriculture producers in your area.

**Future Careers (visit AgExplorer.com):**
- Biological Technician
- Plant Biologist
- Agriculture Science Teacher

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Evaluate the scope and implications of regulatory agencies on biotechnology applications in agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Design a study to examine public perceptions of scientifically based arguments regarding biotechnology in agriculture.
- Analyze the impact major regulatory issues have on public acceptance of biotechnology in agriculture.
- Work as an intern for the local agriculture department.

**Future Careers (visit AgExplorer.com):**
- Advisor: Government/ Stakeholder Relations
- Regulatory Scientist
- Biological Technician

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Analyze the impact major regulatory issues have on public acceptance of biotechnology in agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work as an intern for the local agriculture department.
- Create podcasts about agricultural issues.
- Evaluate the scope and implications of regulatory agencies on applications of biotechnology in agriculture and the protection of public interests.

**Future Careers (visit AgExplorer.com):**
- Reproductive and Nutritional Specialist
- Plant Biologist
- Regulatory Scientist

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Research factors and data regulatory agencies use to evaluate the risks new biotechnology applications pose.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Evaluate the scope and implications of regulatory agencies on applications of biotechnology in agriculture and the protection of public interests.
- Work as an intern for the local agriculture department.
- Work for the natural resources and conservation district.

**Future Careers (visit AgExplorer.com):**
- Advisor: Government/ Stakeholder Relations
- Regulatory Scientist
Analyze the implications of bioethics, laws and public perceptions on biotechnology applications in agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work as an intern for the local agriculture department.
- Design a study to examine public perceptions of scientifically based arguments regarding biotechnology in agriculture.
- Research the biggest challenges producers face when adopting new technology.

**Future Careers (visit AgExplorer.com):**
- Advisor: Government/Stakeholder Relations
- Agricultural Lobbyist
- Agricultural Legal Assistant

---

Design a study to examine public perceptions of scientific arguments regarding biotechnology in agriculture.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Evaluate the scope and implications of regulatory agencies on applications of biotechnology in agriculture and the protection of public interests.
- Produce a weekly column about agricultural issues for a newspaper.
- Interview a naturalist.

**Future Careers (visit AgExplorer.com):**
- Agricultural Literacy and Advocacy Specialist
- Bioinformatics Scientist
- Agriculture Science Teacher

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**Biotechnology Systems**

Perform ongoing maintenance of laboratory equipment according to standard operating procedures.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Perform sterilization techniques for equipment in a laboratory using standard operating procedures.
- Operate advanced laboratory equipment and measurement devices.
- Create hands-on classroom curriculum activities.

**Future Careers (visit AgExplorer.com):**
- Biostatistician
- Laboratory Technician
- Agriculture Science Teacher

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**Biotechnology Systems**

Operate advanced laboratory equipment and measurement devices.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Perform ongoing maintenance of laboratory equipment according to standard operating procedures.
- Work for a local university in the area of robotics in agriculture.
- Work for a testing laboratory.

**Future Careers (visit AgExplorer.com):**
- Biostatistician
- Laboratory Technician
- Game Warden
Perform sterilization techniques for equipment in a laboratory using standard operating procedures.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Perform ongoing maintenance of laboratory equipment according to standard operating procedures.
» Implement standard operating procedures for the safe handling and/or disposal of biological and chemical materials in a laboratory.
» Work for a testing laboratory.

Future Careers (visit AgExplorer.com):
Biostatistician | Laboratory Technician | Biosecurity Monitor

BIOTECHNOLOGY SYSTEMS

Examine and perform scientific procedures using microbes, DNA, RNA and proteins in a laboratory.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Transform plant or animal cells by performing a cellular transformation.
» Evaluate factors that influence gene expression.
» Create hands-on classroom curriculum activities.

Future Careers (visit AgExplorer.com):
Bioinformatics Scientist | Laboratory Technician | Agriculture Science Teacher

BIOTECHNOLOGY SYSTEMS

Implement standard operating procedures for safe handling of biological and chemical materials in a lab.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Perform sterilization techniques for equipment in a laboratory using standard operating procedures.
» Work on plumbing waste systems and air and water systems in agricultural settings.
» Start a service to collect used pesticide containers.

Future Careers (visit AgExplorer.com):
Biostatistician | Laboratory Technician | Biosecurity Monitor

BIOTECHNOLOGY SYSTEMS

Evaluate factors that influence gene expression.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Examine and perform scientific procedures using microbes, DNA, RNA and proteins in a laboratory.
» Conduct studies to track the movement of transgenes in the environment.
» Design and conduct experiments to evaluate an existing transgenic eukaryote.

Future Careers (visit AgExplorer.com):
Bioinformatics Scientist | Molecular Biologist | Plant Geneticist
Evaluate the biochemical properties of proteins to explain their function and predict potential uses.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Examine and perform scientific procedures using microbes, DNA, RNA and proteins in a laboratory.
» Evaluate factors that influence gene expression.
» Perform ongoing maintenance of laboratory equipment according to standard operating procedures.

Future Careers (visit AgExplorer.com):
- Bioinformatics Scientist
- Molecular Biologist
- Analytical Chemist

BIOTECHNOLOGY SYSTEMS

Design and conduct experiments to evaluate an existing transgenic eukaryote.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Use antibodies to detect and quantify antigens by conducting an Enzyme-Linked Immunosorbent Assay (ELISA).
» Design and conduct experiments to evaluate an existing transgenic eukaryote.
» Perform sterilization techniques for equipment in a laboratory using standard operating procedures.

Future Careers (visit AgExplorer.com):
- Bioinformatics Scientist
- Laboratory Technician
- Plant Geneticist

BIOTECHNOLOGY SYSTEMS

Use antibodies to detect and quantify antigens by conducting an Enzyme-Linked Immunosorbent Assay (ELISA).

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct studies to track the movement of transgenes in the environment.
» Examine and perform scientific procedures using microbes, DNA, RNA and proteins in a laboratory.
» Apply biotechnology principles, techniques and processes to enhance the production of food through the use of microorganisms and enzymes.

Future Careers (visit AgExplorer.com):
- Bioinformatics Scientist
- Plant Geneticist
- Laboratory Technician

BIOTECHNOLOGY SYSTEMS

Transform plant or animal cells by performing a cellular transformation.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct studies to track the movement of transgenes in the environment.
» Examine and perform scientific procedures using microbes, DNA, RNA and proteins in a laboratory.
» Apply biotechnology principles, techniques and processes to enhance the production of food through the use of microorganisms and enzymes.

Future Careers (visit AgExplorer.com):
- Bioinformatics Scientist
- Plant Geneticist
- Laboratory Technician
**Conduct studies to track the movement of transgenes in the environment.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Apply biotechnology principles, techniques, and processes to enhance plant and animal care and production.
- Evaluate factors that influence gene expression.
- Design and conduct experiments to evaluate an existing transgenic eukaryote.

**Future Careers (visit AgExplorer.com):**
- Bioinformatics Scientist
- Biostatistician
- Laboratory Technician

**BIOTECHNOLOGY SYSTEMS**

**Evaluate the impact of modified organisms on the natural environment.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Investigate the relationship between past, current, and emerging applications of biotechnology in agriculture.
- Create podcasts about agricultural issues.
- Interview a naturalist.

**Future Careers (visit AgExplorer.com):**
- Plant Biologist
- Agronomist
- Agriculture Science Teacher

**BIOTECHNOLOGY SYSTEMS**

**Apply biotechnology techniques to enhance the production of food by using microorganisms and enzymes.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Perform sterilization techniques for equipment in a laboratory using standard operating procedures.
- Research why new food fails to sell.
- Develop a plan to manage school food waste.

**Future Careers (visit AgExplorer.com):**
- Bioinformatics Scientist
- Biostatistician
- Food Technologist

**BIOTECHNOLOGY SYSTEMS**

**Monitor and evaluate processes used in the synthesis of a molecule.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Perform ongoing maintenance of laboratory equipment according to standard operating procedures.
- Conduct studies to track the movement of transgenes in the environment.
- Apply biotechnology principles, techniques, and processes to enhance plant and animal care and production.

**Future Careers (visit AgExplorer.com):**
- Bioinformatics Scientist
- Molecular Biologist
- Laboratory Technician
Apply biotechnology principles, techniques, and processes to enhance plant and animal care and production.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Design animal-care protocols to ethically monitor and promote animal systems associated with biotechnology.
- Perform plant-breeding techniques (e.g., plant tissue culture, etc.).
- Analyze the impact major regulatory issues have on public acceptance of biotechnology in agriculture.

**Future Careers (visit AgExplorer.com):**
- Bioinformatics Scientist
- Plant Biologist
- Animal Biotechnologist

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Perform plant-breeding techniques (e.g., plant tissue culture, etc.).

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Examine and perform scientific procedures using microbes, DNA, RNA and proteins in a laboratory.
- Research plant propagation techniques.
- Plan plant-related activities and laboratories for your class.

**Future Careers (visit AgExplorer.com):**
- Plant Breeder
- Agronomist
- Agriculture Science Teacher

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### BIOTECHNOLOGY SYSTEMS

Design animal-care protocols to ethically monitor and promote animal systems associated with biotechnology.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research and categorize the types of pharmaceuticals developed for animals and humans through biotechnology.
- Work as a veterinary assistant.
- Work on a dairy farm or heifer-raise.

**Future Careers (visit AgExplorer.com):**
- Animal Geneticist
- Reproductive and Nutritional Specialist
- Animal Caretaker/Operations Manager

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### BIOTECHNOLOGY SYSTEMS

Research and categorize the types of pharmaceuticals developed for animals and humans through biotechnology.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Design animal-care protocols to ethically monitor and promote animal systems associated with biotechnology.
- Work as a veterinary assistant.
- Research the biggest challenges producers face when adopting new technology.

**Future Careers (visit AgExplorer.com):**
- Animal Geneticist
- Reproductive and Nutritional Specialist
- Analytical Chemist
Examine and synthesize the need for biofuels (e.g., cellulosic bioenergy, etc.).

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Produce alcohol/biodiesel/methane and co-products from biomass.
» Conduct a review of the technologies used to create biofuels from biomass and weigh the pros and cons of each method.
» Work as a diesel mechanic assistant.

Future Careers (visit AgExplorer.com):
Biorefining Manager | Ethanol Engineer | Agriculture Science Teacher

BIOTECHNOLOGY SYSTEMS

Produce alcohol/biodiesel/methane and co-products from biomass.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Examine and synthesize the need for biofuels (e.g., cellulosic bioenergy, etc.)
» Research the biggest challenges producers face when adopting new technology.
» Produce alcohol/biodiesel/methane and co-products from biomass.

Future Careers (visit AgExplorer.com):
Biorefining Manager | Ethanol Engineer | Environmental Engineer

BIOTECHNOLOGY SYSTEMS

Study the technologies used to create biofuels from biomass and weigh the pros and cons of each method.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Examine and synthesize the need for biofuels (e.g., cellulosic bioenergy, etc.)
» Research the biggest challenges producers face when adopting new technology.
» Produce alcohol/biodiesel/methane and co-products from biomass.

Future Careers (visit AgExplorer.com):
Biorefining Manager | Ethanol Engineer | Agricultural Science Teacher

BIOTECHNOLOGY SYSTEMS

Conduct studies to evaluate the treatment of a waste product using a genetically engineered organism.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Design a bioremediation project including plans to evaluate the effectiveness of the effort.
» Work on plumbing waste systems and air and water systems in agricultural settings.
» Research area pollution concerns.

Future Careers (visit AgExplorer.com):
Biorefining Manager | Biosecurity Monitor | Environmental Compliance Officer
Design a bioremediation project including plans to evaluate the effectiveness of the effort.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct studies to evaluate the treatment of a waste product using a genetically engineered organism.
» Research the effectiveness of habitat restoration projects in your community.
» Research area pollution concerns.

Future Careers (visit AgExplorer.com):
Biorefining Manager  Biosecurity Monitor  Environmental Engineer

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct studies to evaluate the treatment of a waste product using a genetically engineered organism.
» Research the effectiveness of habitat restoration projects in your community.
» Research area pollution concerns.

Future Careers (visit AgExplorer.com):
Start a leaf collection service in the fall and sell mulch in the spring.

Is this right for me?
> Would I enjoy working with this project?
> Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
> Operate a lawn maintenance/mowing service.
> Start a service that cleans leaves from gutters.
> Conduct composting workshops for homeowners.

Future Careers (visit AgExplorer.com):
- Conservationist
- Landscape Designer
- Environmental Science and Protection Technician

ENVIRONMENTAL SERVICE SYSTEMS

Start a service to collect used pesticide containers.

Is this right for me?
> Would I enjoy working with this project?
> Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
> Operate a custom spraying service.
> Study the effects of excessive lawn chemicals on wildlife.
> Take pictures and make a CD for plant or insect identification.

Future Careers (visit AgExplorer.com):
- Environmental Scientist and Specialist
- Conservationist
- Pressure Washer Operator

ENVIRONMENTAL SERVICE SYSTEMS

Own and operate a water system farm drainage (tilling) company.

Is this right for me?
> Would I enjoy working with this project?
> Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
> Work with county soil and water engineers; assist in measuring and engineer design.
> Work for an irrigation service company.
> Research the water savings accomplished by new irrigation technologies.

Future Careers (visit AgExplorer.com):
- Water Treatment Technician
- Irrigation Specialist
- Hydrologist

ENVIRONMENTAL SERVICE SYSTEMS

Sell shop safety equipment door-to-door.

Is this right for me?
> Would I enjoy working with this project?
> Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
> Lead a farm safety program for elementary students.
> Be a sales associate at a garden or farm supply store.
> Research methods for preventing common accidents in an agriculture department laboratory.

Future Careers (visit AgExplorer.com):
- Sales Trainer
- Occupational Health and Safety Manager
- Warehouse/Facility Manager
Create a service to remove algae from area lakes and fishing ponds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Maintain the school’s aquaculture system.
» Research best practices for improving fish habitats in local ponds.
» Work at a fishery monitoring water quality.

Future Careers (visit AgExplorer.com):
Restoration Specialist | Hydrologist | Aquaculturist

Sell radon detectors and collect radon samples.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Put together a town safety package; mark all signs, fire hydrants and water drains.
» Lead a farm safety program for elementary students.
» Be a sales associate at a garden or farm supply store.

Future Careers (visit AgExplorer.com):
Sales Trainer | Occupational Health and Safety Manager | Human Resources Manager

Run a soil-testing service for town gardens or farm fields; take samples, send them in and deliver results.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work with a county soil scientist to map soils.
» Create posters on soil conservation practices for homeowners.
» Study soil profiles from multiple locations in your community and develop a soil map.

Future Careers (visit AgExplorer.com):
Soil Scientist | Environmental Scientist and Specialist | Agronomist

Start a water sample-collecting service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct a local water-quality study.
» Take part in a mentorship program with the local soil and water conservation district.
» Work as a water-quality lab assistant.

Future Careers (visit AgExplorer.com):
Hydrologist | Water Treatment Technician | Environmental Science and Protection Technician
Start a manure-removal business for acreage owners.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study animal waste legislation at the local, state and federal levels.
» Operate a poultry litter clean-out service.
» Research the effects of livestock feed on waste issues.

Future Careers (visit AgExplorer.com):
- Nutrient/Waste Management Specialist
- Pressure Washer Operator
- Environmental Engineer

ENVIRONMENTAL SERVICE SYSTEMS

Assist local agencies with data collection for watersheds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist community watershed action groups.
» Work as a water-quality lab assistant.
» Research the benefits of the Conservation Resource Program (CRP).

Future Careers (visit AgExplorer.com):
- Hydrologist
- Environmental Science and Protection Technician
- Irrigation Specialist

Provide a wood-chipping service and sell the chips as mulch.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work at a sawmill.
» Cut firewood and sell at local stores.
» Build and maintain the compost units at the school.

Future Careers (visit AgExplorer.com):
- Forester
- Conservationist
- Carpenter/Laborer

ENVIRONMENTAL SERVICE SYSTEMS

Work for a company that installs plastic drainage tile for farm fields.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an irrigation service provider.
» Research the water savings accomplished by new irrigation technologies.
» Research the effects of erosion on various cover crops.

Future Careers (visit AgExplorer.com):
- Irrigation Specialist
- Agronomist
- Hydrologist
Work for a testing laboratory.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a water-quality lab assistant.
» Create a 10-minute presentation about careers in agribusiness for other FFA members.
» Produce a weekly column about agricultural issues for a newspaper.

Future Careers (visit AgExplorer.com):
Laboratory Technician | Research Technician | Research and Development Technician

Develop marshlands for game.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create a brochure on creating wildlife habitats in backyards to share with the community.
» Conduct surveys of wildlife populations.
» Develop a forest/wildlife management plan for a local landowner.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservationist | Restoration Specialist

Work as a trencher for waste-water lagoons.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the effects of livestock feed on waste issues.
» Conduct composting workshops for homeowners.
» Work as a water-quality lab assistant.

Future Careers (visit AgExplorer.com):
Water Treatment Technician | Nutrient/Waste Management Specialist | Environmental Engineer

Work at a fishery monitoring water quality.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for the fish and game department.
» Raise fish for the state fish and game department.
» Maintain the school’s aquaculture system.

Future Careers (visit AgExplorer.com):
Fisheries Technician | Aquaculturist | Aquaculture Hatchery Manager

ENVIRONMENTAL SERVICE SYSTEMS
Work for the natural resources and conservation district.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct a tour of area farms and ranches that practice effective pollution control.
» Create activities or laboratories for a natural resources class.
» Take part in a mentorship program with the local soil and water conservation district.

Future Careers (visit AgExplorer.com):
Game Warden | Environmental Compliance Officer | Conservationist

Future Careers (visit AgExplorer.com):
Soil Scientist | Conservationist | Environmental Science and Protection Technician

ENVIRONMENTAL SERVICE SYSTEMS

Conduct a local water-quality study.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a water sample-collecting service.
» Collect water samples for local or state agencies.
» Test the drought tolerance of different types of fruits and/or vegetables.

Future Careers (visit AgExplorer.com):
Hydrologist | Biosecurity Monitor | Nematologist

Future Careers (visit AgExplorer.com):
Biosecurity Monitor | Biological Technician | Environmental Science and Protection Technician

Assist landowners with installation of soil conservation practices.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Run a soil-testing service for town gardens or farm fields; take samples, send them in and deliver results.
» Compare and contrast the different styles of tillage equipment.
» Create posters on soil conservation practices for homeowners.

Future Careers (visit AgExplorer.com):
Game Warden | Environmental Compliance Officer | Conservationist

Future Careers (visit AgExplorer.com):
Soil Scientist | Conservationist | Environmental Science and Protection Technician

ENVIRONMENTAL SERVICE SYSTEMS

Research area pollution concerns.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct a tour of area farms and ranches that practice effective pollution control.
» Study pollution-control practices.
» Work on plumbing waste systems and air and water systems in agricultural settings.

Future Careers (visit AgExplorer.com)
Hydrologist | Biosecurity Monitor | Nematologist

Future Careers (visit AgExplorer.com):
Biosecurity Monitor | Biological Technician | Environmental Science and Protection Technician

ENVIRONMENTAL SERVICE SYSTEMS
**Study pollution-control practices.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Conduct a tour of area farms and ranches that practice effective pollution control.
- Research area pollution concerns.
- Work on plumbing waste systems and air and water systems in agricultural settings.

**Future Careers (visit AgExplorer.com):**
- Biosecurity Monitor
- Biological Technician
- Environmental Science and Protection Technician
- Environmental Science and Protection Technician

**Study animal waste legislation at local, state and federal levels.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Start a manure-removal business for acreage owners.
- Operate a poultry litter clean-out service.
- Work as a trencher for waste-water lagoons.

**Future Careers (visit AgExplorer.com):**
- Biosecurity Monitor
- Nutrient/Waste Management Specialist
- Agricultural Lawyer

**Research the rate of accidents on area farms and compare to national averages.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Lead a farm safety program for elementary students.
- Research methods for preventing common accidents in an agriculture department laboratory.
- Develop and implement a farm safety class for elementary students.

**Future Careers (visit AgExplorer.com):**
- Fleet Manager
- Human Resources Manager
- Occupational Health and Safety Manager

**Research methods for preventing common accidents in an agriculture department laboratory.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Lead a farm safety program for elementary students.
- Research the rate of accidents on area farms and compare to national averages.
- Develop and implement a farm safety class for elementary students.

**Future Careers (visit AgExplorer.com):**
- Fleet Manager
- Human Resources Manager
- Occupational Health and Safety Manager
Monitor dust levels in the air at various sites and times throughout the year.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study pollution-control practices.
» Monitor pollen counts in an area by working with labs and weather stations.
» Work on plumbing waste systems and air and water systems in agricultural settings.

Future Careers (visit AgExplorer.com):
- Storage and Hygiene Coordinator
- Environmental Scientist and Specialist
- Environmental Engineer

ENVIRONMENTAL SERVICE SYSTEMS

Monitor pollen counts in an area by working with labs and weather stations.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study pollution-control practices.
» Monitor pollen counts in an area by working with labs and weather stations.
» Work on plumbing waste systems and air and water systems in agricultural settings.

Future Careers (visit AgExplorer.com):
- Environmental Science and Protection Technician
- Apiary/Beekeeper
- Environmental Engineer

ENVIRONMENTAL SERVICE SYSTEMS

Research the effects of livestock feed on waste issues.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study animal waste legislation at local, state and federal levels.
» Start a manure-removal business for acreage owners.
» Research feed trials testing different swine diets.

Future Careers (visit AgExplorer.com):
- Nutrient/Waste Management Specialist
- Feed Mill Manager
- Ruminant Nutritionist

ENVIRONMENTAL SERVICE SYSTEMS

Research the effects of erosion on various cover crops.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Compare and contrast the different styles of tillage equipment.
» Assist landowners with the installation of soil conservation practices.
» Create posters on soil conservation practices for homeowners.

Future Careers (visit AgExplorer.com):
- Conservationist
- Conservation Officer
- Soil Scientist
Work as a water-quality lab assistant.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Start a water sample-collecting service.
- Conduct a local water-quality study.
- Collect water samples for local or state agencies.

Future Careers (visit AgExplorer.com):
- Hydrologist
- Laboratory Technician
- Water Treatment Technician

ENVIRONMENTAL SERVICE SYSTEMS

Develop a plan to manage school food waste.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Conduct composting workshops for homeowners.
- Ask farmers for permission to glean fields for food to give to homeless shelters.
- Use unsellable zucchini in baked goods as a side to vegetable production.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Extension Agent
- Food Production Supervisor

ENVIRONMENTAL SERVICE SYSTEMS

Conduct a tour of area farms and ranches that practice effective pollution control.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Study pollution-control practices.
- Work for the natural resources and conservation district.
- Research area pollution concerns.

Future Careers (visit AgExplorer.com):
- Biological Technician
- Environmental Science and Protection Technician
- Environmental Engineer

ENVIRONMENTAL SERVICE SYSTEMS

Volunteer to monitor water quality for a community pond.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Conduct a local water-quality study.
- Work at a fishery monitoring water quality.
- Raise fish for the state fish and game department.

Future Careers (visit AgExplorer.com):
- Hydrologist
- Environmental Science and Protection Technician
- Ecologist
ENVIRONMENTAL SERVICE SYSTEMS

Assist community watershed action groups.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Research the benefits of the Conservation Resource Program (CRP).
» Work as a water-quality lab assistant.

Future Careers (visit AgExplorer.com):
- Environmental Compliance Officer
- Agricultural Lobbyist
- Agriculture Legislative Assistant

ENVIRONMENTAL SERVICE SYSTEMS

Conduct composting workshops for homeowners.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Develop a plan to manage school food waste.
» Create an ad promotion for local food products on your chapter website.
» Build and maintain the compost units at the school.

Future Careers (visit AgExplorer.com):
- Extension Agent
- Agriculture Science Teacher
- Environmental Science and Protection Technician

ENVIRONMENTAL SERVICE SYSTEMS

Collect water samples for local or state agencies.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a water sample-collecting service.
» Conduct a local water-quality study.
» Work as a water-quality lab assistant.

Future Careers (visit AgExplorer.com):
- Hydrologist
- Environmental Compliance Officer
- Conservation Officer

ENVIRONMENTAL SERVICE SYSTEMS

Develop and implement a farm safety class for elementary students.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research methods for preventing common accidents in an agriculture department laboratory.
» Present a food safety demonstration to elementary students.
» Organize and/or run a petting zoo at local fairs or farmers’ markets.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Occupational Health and Safety Manager
- Extension Agent
Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Agricultural Lobbyist | Conservation Officer | Agriculture Legislative Assistant

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for the natural resources and conservation district.
» Attend the meetings of local or state conservation boards.
» Create podcasts about agricultural issues.

Establish green belts along streams on your farm.

Research the benefits of the Conservation Resource Program (CRP).

Put together a town safety package; mark all signs, fire hydrants and water drains.

Take part in a mentorship program with the local soil and water conservation district.

Future Careers (visit AgExplorer.com):
Occupational Health and Safety Manager | Extension Agent | Human Resources Manager

Future Careers (visit AgExplorer.com):
Conservationist | Conservation Officer | Agricultural Lobbyist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct composting workshops for homeowners.
» Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.
» Sell radon detectors and collect radon samples.

Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Environmental Service Systems

Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
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Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.

Future Careers (visit AgExplorer.com):
Environmental Science and Protection Technician | Conservation Officer | Restoration Specialist

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist local agencies with data collection for watersheds.
» Volunteer to assist at campgrounds with cleanup and maintenance.
» Develop habitat trails for walking.
Sell gourmet popcorn products.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Test ideas for new food products.
» Create posters that show foods from raw to finished product.
» Work for an agricultural marketing services company.

Future Careers (visit AgExplorer.com):
Food Production Supervisor | Flavor Technologist | Product Development Food Scientist

FOOD PRODUCTS & PROCESSING SYSTEMS

Raise fish and sell to local restaurants.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a fish pond and teach others how to fish.
» Raise fish for the state fish and game department.
» Grow organic fruits and/or vegetables for a local café.

Future Careers (visit AgExplorer.com):
Aquaculture Hatchery Manager | Supply Chain Manager | Pricing Coordinator

Use unsellable zucchini in baked goods as a side to vegetable production.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Raise and sell fruits and/or vegetables.
» Create posters that show foods from raw to finished product.
» Work on a vegetable or fruit farm.

Future Careers (visit AgExplorer.com):
Food Production Supervisor | Flavor Technologist | Produce Inspector

FOOD PRODUCTS & PROCESSING SYSTEMS

Process and sell specialty products—bison, wildflowers, ostrich, etc.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Operate a trapping business.
» Shadow a USDA meat inspector.
» Grow organic fruits and/or vegetables for a local café.

Future Careers (visit AgExplorer.com):
Meat Inspector | Sales Representative: Food, Feed, Seed, Fuel | Marketing Specialist

FOOD PRODUCTS & PROCESSING SYSTEMS
Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Shadow a USDA meat inspector.
» Operate a trapping business.
» Serve as a hunting guide.

Future Careers (visit AgExplorer.com):
Slaughter Processor - General Operator | Meat Inspector | Slaughter Processor - Trimmer/Cutter

FOOD PRODUCTS & PROCESSING SYSTEMS

Process wild game for jerky.

Collect wild mushrooms and sell to local vendors.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Help at a local fruit/vegetable stand.
» Present a food safety demonstration to elementary students.
» Discover the native plants for your ecological area and determine how prevalent they are currently.

Future Careers (visit AgExplorer.com):
Conservationist | Supply Chain Manager | Produce Inspector

FOOD PRODUCTS & PROCESSING SYSTEMS

Sell picked vegetables.

Make jams and jellies for sale at a farmers’ market.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Interview three companies that process or package food products.
» Grow vegetables to give to a local food pantry.
» Make jams and jellies for sale at a farmers’ market.

Future Careers (visit AgExplorer.com):
Produce Inspector | Formulation Chemist | Product Development Food Scientist

OWNERSHIP/ENTREPRENEURSHIP

Slaughter Processor - General Operator | Meat Inspector | Slaughter Processor - Trimmer/Cutter

Produce Inspector | Formulation Chemist | Product Development Food Scientist
**Start a service to grow gardens for the elderly.**

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Work to establish a community vegetable garden.
- Create an ad promotion for local food products on your chapter website.
- Take small animals to nursing homes for visits.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Extension Agent
- Agronomist

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**Work for and/or operate a wild bird processing service.**

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Construct and sell game feeders.
- Build bat, bird, duck or squirrel houses for use or sale.
- Work at a meat production plant.

**Future Careers (visit AgExplorer.com):**
- Meat Inspector
- Evisceration Processor
- Slaughter Processor - General Operator

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**Work at a meat production plant.**

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Shadow a USDA meat inspector.
- Work at a livestock farm or a ranch.
- Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.

**Future Careers (visit AgExplorer.com):**
- Meat Inspector
- Evisceration Processor
- Slaughter Processor - General Operator

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**Work at a produce facility that repackages and sells produce.**

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Interview three companies that process or package food products.
- Work for an agricultural marketing services company.
- Create hands-on classroom activities.

**Future Careers (visit AgExplorer.com):**
- Packaging Engineer
- Food Safety Specialist
- Production Manager
Work at a vegetable or fruit canning factory.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Interview three companies that process or package food products.
» Make jams and jellies for sale at a farmers’ market.
» Test ideas for new food products.

**Future Careers (visit AgExplorer.com):**
Packaging Engineer | Food Safety Specialist | Production Manager

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Grow vegetables to give to a local food pantry.
» Create an ad promotion for local food products on your chapter website.
» Use the school lab to manage small vegetable crop variety plots.

**Future Careers (visit AgExplorer.com):**
Agronomist | Greenhouse Manager | Crop Scout

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Work on a vegetable or fruit farm.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Work on a vegetable or fruit farm.
» Grow vegetables to give to a local food pantry.
» Create an ad promotion for local food products on your chapter website.
» Use the school lab to manage small vegetable crop variety plots.

**Future Careers (visit AgExplorer.com):**
Agronomist | Greenhouse Manager | Crop Scout

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Work for an agricultural seed-cleaning and bagging company.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Work at a seed corn dealership.
» Process and deliver seedlings to elementary students.
» Interview three companies that process or package food products.

**Future Careers (visit AgExplorer.com):**
Seed Production Technician | Storage and Hygiene Coordinator | Packaging Engineer

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Start a franchise of an existing fruit/vegetable stand.
» Create an ad promotion for local food products on your chapter website.
» Present a food safety demonstration to elementary students.

**Future Careers (visit AgExplorer.com):**
Sales Representative: Food, Feed, Seed, Fuel | Public Relations Specialist | Food Stylist

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Help at a local fruit/vegetable stand.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Help at a local fruit/vegetable stand.
» Start a franchise of an existing fruit/vegetable stand.
» Create an ad promotion for local food products on your chapter website.
» Present a food safety demonstration to elementary students.

**Future Careers (visit AgExplorer.com):**
Sales Representative: Food, Feed, Seed, Fuel | Public Relations Specialist | Food Stylist
Assist on an herb farm.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work on a vegetable or fruit farm.
» Create an ad promotion for local food products on your chapter website.
» Shadow officials at a government natural resources agency.

Future Careers (visit AgExplorer.com):
Agronomist | Greenhouse Manager | Crop Scout

Assist with produce selection at a grocery store.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a service provider in a grocery store.
» Create posters that show foods from raw to finished product.
» Use unsellable zucchini in baked goods as a side to vegetable production.

Future Careers (visit AgExplorer.com):
Produce Inspector | Produce Buyer | Quality and Assurance Auditor

Deliver vegetables and/or fruits to customers for a local grower.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a franchise of an existing fruit/vegetable stand.
» Process and deliver seedlings to elementary students.
» Grow organic fruits and/or vegetables for a local café.

Future Careers (visit AgExplorer.com):
Truck Driver | Logistics and Supply Chain Manager | Produce Inspector

Work at a local bakery.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create posters that show foods from raw to finished product.
» Make jams and jellies for sale at a farmers’ market.
» Test ideas for new food products.

Future Careers (visit AgExplorer.com):
Food Production Supervisor | Fermentation Scientist | Production Manager
Work in the deli or bakery at a grocery store.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a service provider in a grocery store.
» Research incidents of food-borne illnesses in the community.
» Create posters that show foods from raw to finished product.

Future Careers (visit AgExplorer.com):
Food Production Supervisor
Fermentation Scientist
Freezer/Refrigeration Specialist

FOOD PRODUCTS & PROCESSING SYSTEMS
Test ideas for new food products.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an agricultural marketing services company.
» Research why new food fails to sell.
» Help at a local fruit/vegetable stand.

Future Careers (visit AgExplorer.com):
Research and Development Technician
Product Development Food Scientist
Flavor Technologist

RESEARCH
FOOD PRODUCTS & PROCESSING SYSTEMS

Research the environmental effects on milk.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research incidents of food-borne illnesses in the community.
» Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.
» Work on a dairy farm or heifer-raising farm.

Future Careers (visit AgExplorer.com):
Food Safety/Quality Assurance Manager
Food Safety Specialist
Quality Assurance Manager

FOOD PRODUCTS & PROCESSING SYSTEMS
Research incidents of food-borne illnesses in the community.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research incidents of food-borne illnesses in the community.
» Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.
» Work on a dairy farm or heifer-raising farm.

Future Careers (visit AgExplorer.com):
Food Safety/Quality Assurance Manager
Food Safety Specialist
Quality Assurance Manager

EXPLORATORY
Study the impact of various styles of labels on people’s perception of the food.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create an ad promotion for local food products on your chapter website.
» Work for an agricultural marketing services company.
» Help at a local fruit/vegetable stand.

Future Careers (visit AgExplorer.com):
Marketing Specialist   Graphic Designer   Social Media Strategist

RESEARCH

FOOD PRODUCTS & PROCESSING SYSTEMS

Research the development and use of edible soybeans.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Test ideas for new food products.
» Plan plant-related activities and laboratories for your class.
» Develop a test plot for various types of crops.

Future Careers (visit AgExplorer.com):
Product Development Food Scientist   Plant Biologist   Product Development Food Scientist

RESEARCH

FOOD PRODUCTS & PROCESSING SYSTEMS

Research why new food fails to sell.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study the impact of various styles of labels on people’s perception of the food.
» Test ideas for new food products.
» Create hands-on classroom activities.

Future Careers (visit AgExplorer.com):
Research and Development Technician   Process/Continuous Improvement Manager

RESEARCH

FOOD PRODUCTS & PROCESSING SYSTEMS

Work to establish a community vegetable garden.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work at an area garden center.
» Ask farmers for permission to glean fields for food to give to homeless shelters.
» Build and maintain the compost units at the school.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher   Nutritionist/Dietitian   Extension Agent

SERVICE-LEARNING

FOOD PRODUCTS & PROCESSING SYSTEMS
Interview three companies that process or package food products.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create posters that show foods from raw to finished product.
- Study the impact of various styles of labels on people’s perception of the food.
- Make jams and jellies for sale at a farmers’ market.

**Future Careers (visit AgExplorer.com):**
- Packaging Engineer
- Process/Continuous Improvement Manager
- Research and Development Manager

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**Ask farmers for permission to glean fields for food to give to homeless shelters.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create an ad promotion for local food products on your chapter website.
- Start a service to grow gardens for the elderly.
- Build and maintain the compost units at the school.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Extension Agent
- Agronomist

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**Grow vegetables to give to a local food pantry.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create a 10-minute presentation about careers in agribusiness for other FFA members.
- Work at a meat production plant.
- Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.

**Future Careers (visit AgExplorer.com):**
- Meat Inspector
- Slaughter Processor - General Operator
- Slaughter Processor - Trimmer/Cutter

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**FOOD PRODUCTS & PROCESSING SYSTEMS**

**EXPLORATORY**

- Shadow a USDA meat inspector.

**SERVICE-LEARNING**

- Ask farmers for permission to glean fields for food to give to homeless shelters.
- Build and maintain the compost units at the school.
Raise wild game fowl for sale to local hunters.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Raise game birds to sell for the training of bird dogs.
» Build bat, bird, duck or squirrel houses for use or sale.
» Process wild game for jerky.

Future Careers (visit AgExplorer.com):
Game Warden  Conservationist  Poultry Hatchery Manager

Stock and maintain fish populations in ponds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for the natural resources and conservation district.
» Raise fish for the state fish and game department.
» Work at a commercial fishing operation where they harvest carp, buffalo, etc. from the area lakes and sell them.

Future Careers (visit AgExplorer.com):
Aquaculture Hatchery Manager  Fisheries Technician  Game Warden

Raise Christmas trees and sell at Christmas time.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Assist Christmas tree farmers with planting and trimming.
» Process and deliver seedlings to elementary students.
» Manage and improve woodlot areas including firewood, habitat, etc.

Future Careers (visit AgExplorer.com):
Forester  Arborist  Horticulturist

Cut firewood and sell at local stores.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Develop a forest/wildlife management plan for a local landowner.
» Work at a sawmill.
» Manage and improve woodlot areas including firewood, habitat, etc.

Future Careers (visit AgExplorer.com):
Logger  Forester  Logistics and Supply Chain Manager

Future Careers (visit AgExplorer.com):
Game Warden  Conservationist  Poultry Hatchery Manager

Future Careers (visit AgExplorer.com):
Aquaculture Hatchery Manager  Fisheries Technician  Game Warden

Future Careers (visit AgExplorer.com):
Forester  Arborist  Horticulturist

Future Careers (visit AgExplorer.com):
Logger  Forester  Logistics and Supply Chain Manager
Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Organize and participate in a wildlife field day.
- Work for the fish and game department.
- Grow catfish to sell to local cafes.

Future Careers (visit AgExplorer.com):
- Game Warden
- Conservationist
- Poultry Hatchery Manager

Future Careers (visit AgExplorer.com):
- Game Warden
- Conservation Officer

Natural Resources Systems
Contract with landowners to plant food plots for wildlife.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Habitat construction—make brush piles, a plant wildlife habitat, etc.
- Create a brochure on creating wildlife habitats in backyards to share with the community.
- Construct and sell game feeders.

Future Careers (visit AgExplorer.com):
- Conservationist
- Game Warden

Natural Resources Systems
Operate a trapping business.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Work for the state fish and game department.
- Serve as a hunting guide.
- Develop marshlands for game.

Future Careers (visit AgExplorer.com):
- Game Warden
- Slaughter Processor - General Operator
- Quality Assurance Manager

Natural Resources Systems
Construct and sell game feeders.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Serve as a hunting guide.
- Build bat, bird, duck or squirrel houses for use or sale.
- Create activities or laboratories for a natural resources class.

Future Careers (visit AgExplorer.com):
- Game Warden
- Welder
- Marketing Specialist

Natural Resources Systems
- Conservationist
- Game Warden
- Conservation Officer
- Conservation Officer
Create and sell soil survey maps for area farmers and landowners.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create posters on soil conservation practices for homeowners.
- Study soil profiles from multiple locations in your community and develop a soil map.
- Assist landowners with the installation of soil conservation practices.

**Future Careers (visit AgExplorer.com):**
- Soil Scientist
- Restoration Specialist
- Conservationist

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Build bat, bird, duck or squirrel houses for use or sale.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Construct and sell game feeders.
- Conduct surveys of wildlife populations.
- Work for a nature center.

**Future Careers (visit AgExplorer.com):**
- Game Warden
- Carpenter/Laborer
- Marketing Specialist

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Develop hunting ranges; set up indoor/outdoor ranges for bow competitions.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Serve as a hunting guide.
- Organize and participate in a wildlife field day.
- Maintain and supervise the school prairie or grounds.

**Future Careers (visit AgExplorer.com):**
- Game Warden
- Event Manager
- Customer Service Representative

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Develop a forest/wildlife management plan for a local landowner.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Assist a timber stand improvement specialist.
- Work for parks and recreation in the maintenance department.
- Provide forestry walk-through tours for elementary students.

**Future Careers (visit AgExplorer.com):**
- Conservation Officer
- Forester
- Conservationist
Clean and prune orchards.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Ask farmers for permission to glean fields for food to give to homeless shelters.
» Create an ad promotion for local food products on your chapter website.
» Start your own pruning business.

Future Careers (visit AgExplorer.com):
Arborist | Horticulturist | Landscape Technician

NATURAL RESOURCES SYSTEMS

Work for a landowner to plant a habitat for wild game.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Habitat construction—make brush piles, a plant wildlife habitat, etc.
» Conduct surveys of wildlife populations.
» Research best practices for improving fish habitats in local ponds.

Future Careers (visit AgExplorer.com):
Conservation Officer | Conservationist | Restoration Specialist

NATURAL RESOURCES SYSTEMS

Work in the logging business.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work at a sawmill.
» Cut firewood and sell at local stores.
» Provide a wood-chipping service and sell the chips as mulch.

Future Careers (visit AgExplorer.com):
Logger | Forester | Dispatcher

NATURAL RESOURCES SYSTEMS

Serve as a hunting guide.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a wildlife outfitter or guide.
» Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.
» Run a trapping business.

Future Careers (visit AgExplorer.com):
Game Warden | Public Relations Specialist | Conservation Officer

NATURAL RESOURCES SYSTEMS
Maintain and supervise the school prairie or grounds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Habitat construction—make brush piles, a plant wildlife habitat, etc.
» Create activities or laboratories for a natural resources class.
» Create a brochure on creating wildlife habitats in backyards to share with the community.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Restoration Specialist | Extension Agent

NATURAL RESOURCES SYSTEMS

Work at a sawmill.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Cut firewood and sell at local stores.
» Provide a wood-chipping service and sell the chips as mulch.
» Manage and improve woodlot areas including firewood, habitat, etc.

Future Careers (visit AgExplorer.com):
Logger | Forester | Carpenter/Laborer

NATURAL RESOURCES SYSTEMS

Work for a park service during the summer.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Volunteer to assist with cleanup and maintenance at campgrounds.
» Clean shelterbelts and stack refuse in piles.
» Research your local parks to find out what activities people like and use the most.

Future Careers (visit AgExplorer.com):
Conservation Officer | Conservationist | Game Warden

NATURAL RESOURCES SYSTEMS

Work for a nature center.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Interview a naturalist.
» Create activities or laboratories for a natural resources class.
» Work for parks and recreation in the maintenance department.

Future Careers (visit AgExplorer.com):
Conservation Officer | Restoration Specialist | Customer Service Representative

NATURAL RESOURCES SYSTEMS
Assist Christmas tree farmers with planting and trimming.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Raise Christmas trees and sell at Christmas time.
» Manage and improve woodlot areas including firewood, habitat, etc.
» Start your own pruning business.

**Future Careers (visit AgExplorer.com):**
- Arborist
- Forester
- Landscape Technician

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**NATURAL RESOURCES SYSTEMS**

Work for the fish and game department.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Conduct surveys of wildlife populations.
» Provide outdoor education material at camps.
» Contract with landowners to plant food plots for wildlife.

**Future Careers (visit AgExplorer.com):**
- Game Warden
- Conservationist
- Conservation Officer

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**NATURAL RESOURCES SYSTEMS**

Assist local city management with summer programs by serving as guides.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Provide outdoor education material at camps.
» Put together a town safety package; mark all signs, fire hydrants and water drains.
» Develop habitat trails for walking.

**Future Careers (visit AgExplorer.com):**
- Advisor: Government/Stakeholder Relations
- Extension Agent
- Agricultural Literacy and Advocacy Specialist

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**NATURAL RESOURCES SYSTEMS**

Work for parks and recreation in the maintenance department.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Develop habitat trails for walking.
» Volunteer to assist with cleanup and maintenance at campgrounds.
» Provide outdoor education material at camps.

**Future Careers (visit AgExplorer.com):**
- Conservation Officer
- Maintenance/Service Technician
- Sanitation Coordinator

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Work at a bait shop.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Create activities or laboratories for a natural resources class.
- Work at a commercial fishing operation where they harvest carp, buffalo, etc. from the area lakes and sell them.
- Raise fish for the state fish and game department.

Future Careers (visit AgExplorer.com):
- Fisheries Technician
- Entomologist
- Conservationist

Attend the meetings of local or state conservation boards.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Volunteer to design a website for a local agriculture group.
- Interview a naturalist.
- Take part in a mentorship program with the local soil and water conservation district.

Future Careers (visit AgExplorer.com):
- Agricultural Lawyer
- Conservation Officer
- Advisor: Government/ Stakeholder Relations

Assist a timber stand improvement specialist.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Conduct a timber cruise and mark timber to be thinned.
- Manage and improve woodlot areas including firewood, habitat, etc.
- Research the effectiveness of habitat restoration projects in your community.

Future Careers (visit AgExplorer.com):
- Forester
- Restoration Specialist
- Conservationist

Interview a naturalist.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Shadow officials at a government natural resources agency.
- Create podcasts about agricultural issues.
- Take part in a mentorship program with the local soil and water conservation district.

Future Careers (visit AgExplorer.com):
- Conservationist
- Conservation Officer
- Agriculture Journalist
Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Attend the meetings of local or state conservation boards.
» Create podcasts about agricultural issues.
» Work as an intern for the local agriculture department.

Future Careers (visit AgExplorer.com):
Future Careers (visit AgExplorer.com):
Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create activities or laboratories for a natural resources class.
» Work for a nature center.
» Assist a timber stand improvement specialist.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Plant Scientist/Field Agronomist | Agricultural Literacy and Advocacy Specialist

NATURAL RESOURCES SYSTEMS

SCHOOL-BASED ENTERPRISE

Volunteer to assist with cleanup and maintenance at campgrounds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Provide outdoor education material at camps.
» Clean shelterbelts and stack refuse in piles.
» Work for the fish and game department.

Future Careers (visit AgExplorer.com):
Sanitation Coordinator | Conservationist | Occupational Health and Safety Manager

NATURAL RESOURCES SYSTEMS

EXPLORATORY

Process and deliver seedlings to elementary students.

Clean shelterbelts and stack refuse in piles.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Volunteer to assist with cleanup and maintenance at campgrounds.
» Work for parks and recreation in the maintenance department.
» Assist a timber stand improvement specialist.

Future Careers (visit AgExplorer.com):
Sanitation Coordinator | Environmental Science and Protection Technician | Conservationist

NATURAL RESOURCES SYSTEMS

SERVICE-LEARNING

Volunteer to assist with cleanup and maintenance at campgrounds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Provide outdoor education material at camps.
» Clean shelterbelts and stack refuse in piles.
» Work for the fish and game department.

Future Careers (visit AgExplorer.com):
Sanitation Coordinator | Conservationist | Occupational Health and Safety Manager

NATURAL RESOURCES SYSTEMS

RESEARCH

Research best practices for improving fish habitats in local ponds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Stock and maintain fish populations in ponds.
» Start a fish pond and teach others how to fish.
» Work at a fishery monitoring water quality.

Future Careers (visit AgExplorer.com):
Fisheries Technician | Extension Agent | Restoration Specialist

NATURAL RESOURCES SYSTEMS
### Natural Resources Systems

#### Research the benefits of using GIS mapping for natural resources.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Prepare a 10-minute presentation on GIS mapping for forestry, wildlife, soil and water management.
- Study soil profiles from multiple locations in your community and develop a soil map.
- Map fields, weeds, etc. for producers using GPS and GIS.

**Future Careers (visit AgExplorer.com):**
- Precision Agriculture Specialist
- Ecologist
- Research Associate

#### Study soil profiles from multiple locations in your community and develop a soil map.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work with a county soil scientist to map soils.
- Run a soil-testing service for town gardens or farm fields; take samples, send them in and deliver results.
- Create posters on soil conservation practices for homeowners.

**Future Careers (visit AgExplorer.com):**
- Soil Scientist
- Extension Agent
- Environmental Science and Protection Technician

#### Study the effects of excessive lawn chemicals on wildlife.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Take part in a mentorship program with the local soil and water conservation district.
- Create a brochure on creating wildlife habitats in backyards to share with the community.
- Conduct surveys of wildlife populations.

**Future Careers (visit AgExplorer.com):**
- Landscape Technician
- Biological Technician
- Biosecurity Monitor

#### Research the effectiveness of habitat restoration projects in your community.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Habitat construction—make brush piles, a plant wildlife habitat, etc.
- Take part in a mentorship program with the local soil and water conservation district.
- Create a brochure on creating wildlife habitats in backyards to share with the community.

**Future Careers (visit AgExplorer.com):**
- Restoration Specialist
- Conservationist
- Conservation Officer
### Study the changes in mining industry techniques over time.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research area pollution concerns
- Work with county soil and water engineers; assist in measuring and engineer design.
- Interview area agriculture producers about the changes in technology over the past 50 years.

**Future Careers** [visit AgExplorer.com]:
- Research Associate
- Agriculture Journalist
- Environmental Compliance Officer

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### Research your local parks to find out what activities people like and use the most.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work for a park service during the summer.
- Put together a town safety package; mark all signs, fire hydrants and water drains.
- Create a brochure on creating wildlife habitats in backyards to share with the community.

**Future Careers** [visit AgExplorer.com]:
- Data Processor
- Quality Assurance Auditor
- Product Development Manager/Demand Planner

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### Research the impact of various insects on woodlot management.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Take pictures and make a CD for plant or insect identification.
- Manage and improve woodlot areas including firewood, habitat, etc.
- Volunteer to work with landowners to improve their forest lots.

**Future Careers** [visit AgExplorer.com]:
- Restoration Specialist
- Entomologist
- Forester

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### Research the impact of using ATVs on public lands.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Volunteer to assist with cleanup and maintenance at campgrounds.
- Develop habitat trails for walking.
- Habitat construction—make brush piles, a plant wildlife habitat, etc.

**Future Careers** [visit AgExplorer.com]:
- Environmental Science and Protection Technician
- Extension Agent
- Conservation Officer
Discover the native plants for your ecological area and determine how prevalent they are currently.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Collect and laminate plants from a nursery landscape career development event at various stages of growth.
- Take pictures and make a CD for plant or insect identification.
- Process and deliver seedlings to elementary students.

**Future Careers (visit AgExplorer.com):**
- Conservationist
- Plant Biologist
- Ecologist

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Work at a commercial fishing operation where they harvest carp, buffalo, etc. from the area lakes and sell them.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Stock and maintain fish populations in ponds.
- Grow catfish to sell to local cafés.
- Prepare a food safety information kit covering safe handling of meat, eggs and other fresh-food products.

**Future Careers (visit AgExplorer.com):**
- Aquaculture Hatchery Manager
- Fisheries Technician
- Supply Chain Manager

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**PLANT SYSTEMS**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Grow and sell plants through the high school greenhouse.
- Grow and sell plants from a home garden and/or greenhouse.
- Work for a local flower shop doing design, plant care, deliveries, etc.

**Future Careers (visit AgExplorer.com):**
- Florist
- Greenhouse Manager
- Horticulturist

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**Start your own pruning business.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Start your own spraying business.
- Work in an orchard.
- Assist Christmas tree farmers with planting and trimming.

**Future Careers (visit AgExplorer.com):**
- Landscape Technician
- Arborist
- Ecologist

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**Rent land from a neighbor and grow crops.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create posters that show foods from raw to finished product.
- Use unsellable zucchini in baked goods as a side to vegetable production.
- Grow vegetables to give to a local food pantry.

**Future Careers (visit AgExplorer.com):**
- Agronomist
- Plant Scientist/Field Agronomist
- Crop Scout

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**Start your own spraying business.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Start a service to collect used pesticide containers.
- Study the effects of excessive lawn chemicals on wildlife.
- Test organic versus inorganic fertilizers on plant development.

**Future Careers (visit AgExplorer.com):**
- Plant Pathologist
- Custom Applicator
- Aerial Applicator/Agricultural Pilot
Start your own forage-testing service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Operate a hay-hauling service.
» Test forage samples under various conditions to determine feed values.
» Work at a livestock farm or a ranch.

Future Careers (visit AgExplorer.com):
- Arborist
- Forester
- Research Associate

Future Careers (visit AgExplorer.com):
- Soil Scientist
- Laboratory Technician
- Research Station Manager

Start your own soil-sampling business.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create posters on soil conservation practices for homeowners.
» Study soil profiles from multiple locations in your community and develop a soil map.
» Create and sell soil survey maps for area farmers and landowners.

Future Careers (visit AgExplorer.com):
- Arborist
- Forester
- Research Associate

Future Careers (visit AgExplorer.com):
- Soil Scientist
- Laboratory Technician
- Research Station Manager

PLANT SYSTEMS

Start your own lawn-mowing service.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a sprinkler installation business.
» Provide services to fertilize lawns, till garden spots, prune trees, etc.
» Design, build and sell lawn ornaments.

Future Careers (visit AgExplorer.com):
- Landscape Technician
- Maintenance/Service Technician
- Customer Service Representative

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Greenhouse Manager
- Social Media Strategist

PLANT SYSTEMS

Grow and sell plants through the high school greenhouse.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Build and maintain the compost units at the school.
» Help at a local fruit/vegetable stand.
» Develop a test plot for various types of crops.

Future Careers (visit AgExplorer.com):
- Landscape Technician
- Maintenance/Service Technician
- Customer Service Representative

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Greenhouse Manager
- Social Media Strategist
Raise Christmas trees.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Assist Christmas tree farmers with planting and trimming.
- Research the impact of various insects on woodlot management.
- Process and deliver seedlings to elementary students.

**Future Careers (visit AgExplorer.com):**
Forester | Arborist | Horticulturist

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Raise and sell fruits and/or vegetables.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Use unsellable zucchini in baked goods as a side to vegetable production.
- Work to establish a community vegetable garden.
- Grow vegetables to give to a local food pantry.

**Future Careers (visit AgExplorer.com):**
Horticulturist | Greenhouse Manager | Hydroponics Producer

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PLANT SYSTEMS

Provide services to fertilize lawns, till garden spots, prune trees, etc.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Operate a lawn maintenance/mowing service.
- Study the effects of excessive lawn chemicals on wildlife.
- Design, build and sell lawn ornaments.

**Future Careers (visit AgExplorer.com):**
Landscape Technician | Custom Applicator | Arborist

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PLANT SYSTEMS

Grow organic fruits and/or vegetables for a local café.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work to establish a community vegetable garden.
- Assist with the produce selection at a grocery store.
- Test organic versus inorganic fertilizers on plant development.

**Future Careers (visit AgExplorer.com):**
Horticulturist | Greenhouse Manager | Hydroponics Producer
**PLANT SYSTEMS**

**Grow and sell red worms used to produce compost.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Build and maintain the compost units at the school.
- Conduct composting workshops for homeowners.
- Develop a plan to manage school food waste.

**Future Careers (visit AgExplorer.com):**
- Entomologist
- Soil Scientist
- Conservationist

**PLANT SYSTEMS**

**Work as a range consultant.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Maintain and supervise the school prairie or grounds.
- Discover the native plants for your ecological area and determine how prevalent they are currently.
- Plan plant-related activities and laboratories for your class.

**Future Careers (visit AgExplorer.com):**
- Conservation Officer
- Game Warden
- Extension Agent

**PLANT SYSTEMS**

**Sell and install water gardens.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work at an area garden center.
- Research the effect of various planting times on yields of fruits and/or vegetables.
- Create hands-on classroom activities.

**Future Careers (visit AgExplorer.com):**
- Hydroponics Producer
- Greenhouse Manager
- Landscape Technician

**PLANT SYSTEMS**

**Work for a sprinkler installation business.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Operate a lawn maintenance/mowing service.
- Test the drought tolerance of different types of fruits and/or vegetables.
- Research the water savings accomplished by new irrigation technologies.

**Future Careers (visit AgExplorer.com):**
- Irrigation Specialist
- Landscape Technician
- Landscape Designer
Work for a grain farmer.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as a grain tester/handler for a local elevator.
» Research feed trials testing different swine diets.
» Create posters that show foods from raw to finished product.

Future Careers (visit AgExplorer.com):
Crop Scout  Truck Driver  Grain Marketing Specialist

Work for an agronomy service and collect soil samples.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Run a soil-testing service for town gardens or farm fields; take samples, send them in and deliver results.
» Create posters on soil conservation practices for homeowners.
» Work with a county soil scientist to map soils.

Future Careers (visit AgExplorer.com):
Soil Scientist  Agronomist  Laboratory Technician

Conduct a timber cruise and mark timber to be thinned.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the impact of various insects on woodlot management.
» Provide forestry walk-through tours for elementary students.
» Create activities or laboratories for a natural resources class.

Future Careers (visit AgExplorer.com):
Forester  Logger  Conservation Officer

Work for a lawn and landscape care business.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Design, build and sell lawn ornaments.
» Operate a lawn maintenance/mowing service.
» Research the best turf grass varieties for your area.

Future Careers (visit AgExplorer.com):
Landscape Technician  Landscape Designer  Customer Service Representative
Work in and monitor the school forest.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Provide forestry walk-through tours for elementary students.
» Research the impact of various insects on woodlot management.
» Create activities or laboratories for a natural resources class.

**Future Careers (visit AgExplorer.com):**
- Agriculture Science Teacher
- Forester
- Arborist

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Work at a nursery.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Take care of flower beds/gardens on school property.
» Research plant propagation techniques.
» Process and deliver seedlings to elementary students.

**Future Careers (visit AgExplorer.com):**
- Agronomist
- Greenhouse Manager
- Arborist

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Work at a golf course.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Research the best turf grass varieties for your area.
» Work as an assistant sales manager at a turf equipment company.
» Research the water savings accomplished by new irrigation technologies.

**Future Careers (visit AgExplorer.com):**
- Athletic Turf Manager
- Golf Course Superintendent
- Landscape Technician

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Work for a local flower shop doing design, plant care, deliveries, etc.

**Is this right for me?**
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
» Grow flowers for sale at a local farmers' market.
» Take care of flower beds/gardens on school property.
» Plan plant-related activities and laboratories for your class.

**Future Careers (visit AgExplorer.com):**
- Florist
- Horticulturist
- Marketing Specialist
Work at a grain elevator during the summer.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start a weekly price-reporting service to publish in a newsletter.
» Create posters that show foods from raw to finished product.
» Create a 10-minute presentation about careers in agribusiness for other FFA members.

Future Careers (visit AgExplorer.com):
Grain Elevator Manager | Grain Buyer | Storage and Hygiene Coordinator

Work on a turf farm.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the best turf grass varieties for your area.
» Work as an assistant sales manager at a turf equipment company.
» Research the water savings accomplished by new irrigation technologies.

Future Careers (visit AgExplorer.com):
Irrigation Specialist | Athletic Turf Manager | Landscape Technician

Work in an orchard.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start your own pruning business.
» Ask farmers for permission to glean fields for food to give to homeless shelters.
» Create an ad promotion for local food products on your chapter website.

Future Careers (visit AgExplorer.com):
Arborist | Horticulturist | Forester

Work with a county soil scientist to map soils.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Start your own soil-sampling business.
» Create posters on soil conservation practices for homeowners.
» Create and sell soil survey maps for area farmers and landowners.

Future Careers (visit AgExplorer.com):
Soil Scientist | Extension Agent | Research Associate
Work at an area garden center.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Do a garden projection for school land and have it mapped out four years in advance.
» Complete a report on 10 food plants that includes origin, uses and cultivation practices.
» Create a brochure about common houseplant diseases and how to take care of them.

Future Careers (visit AgExplorer.com):
Sales Representative: Food, Feed, Seed, Fuel
Sales Trainer
Customer Service Representative

PLANT SYSTEMS

Develop a test plot for various types of crops.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Complete a report on 10 food plants that includes origin, uses and cultivation practices.
» Test the drought tolerance of different types of fruits and/or vegetables.
» Research the effect of various planting times on yields of fruits and/or vegetables.

Future Careers (visit AgExplorer.com):
Plant Scientist/Field Agronomist
Biological Technician
Biosecurity Monitor

Research the best turf grass varieties for your area.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work as an assistant sales manager at a turf equipment company.
» Start your own lawn-mowing service.
» Work for a sprinkler installation business.

Future Careers (visit AgExplorer.com):
Athletic Turf Manager
Landscape Designer
Golf Course Superintendent

PLANT SYSTEMS

Use the school lab to manage small vegetable crop variety plots.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Build and maintain the compost units at the school.
» Help at a local fruit/vegetable stand.
» Create an ad promotion for local food products on your chapter website.

Future Careers (visit AgExplorer.com):
Plant Scientist/Field Agronomist
Plant Biologist
Agriculture Science Teacher
Test forage samples under various conditions to determine feed values.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Start your own forage-testing service.
- Operate a hay-hauling service.
- Work on a dairy farm or heifer-raising farm.

**Future Careers (visit AgExplorer.com):**
- Ruminant Nutritionist
- Laboratory Technician
- Reproductive and Nutritional Specialist

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Test organic versus inorganic fertilizers on plant development.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Grow organic fruits and/or vegetables for a local café.
- Study the effects of excessive lawn chemicals on wildlife.
- Plan plant-related activities and laboratories for your class.

**Future Careers (visit AgExplorer.com):**
- Customer Service Representative
- Plant Biologist
- Environmental Scientist and Specialist

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Research the effect of various planting times on yields of fruits and/or vegetables.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Raise and sell fruits and/or vegetables.
- Discover the best types of artificial lights for plant growth.
- Test the drought tolerance of different types of fruits and/or vegetables.

**Future Careers (visit AgExplorer.com):**
- Crop Systems Specialist
- Agronomist
- Plant Scientist/Field Agronomist

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Discover the best types of artificial lights for plant growth.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Raise and sell fruits and/or vegetables.
- Research the effect of various planting times on yields of fruits and/or vegetables.
- Test the drought tolerance of different types of fruits and/or vegetables.

**Future Careers (visit AgExplorer.com):**
- Plant Scientist/Field Agronomist
- Agronomist
- Greenhouse Manager
Research plant propagation techniques.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Process and deliver seedlings to elementary students.
» Plan plant-related activities and laboratories for your class.
» Develop a test plot for various types of crops.

Future Careers (visit AgExplorer.com):
Plant Scientist/Field Agronomist  |  Plant Biologist  |  Plant Breeder

PLANT SYSTEMS

Take care of flower beds/gardens on school property.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Grow flowers for sale at a local farmers’ market.
» Grow vegetables to give to a local food pantry.
» Create a brochure about common houseplant diseases and how to take care of them.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher  |  Greenhouse Manager  |  Agronomist

PLANT SYSTEMS

Test the drought tolerance of different types of fruits and/or vegetables.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Process and deliver seedlings to elementary students.
» Plan plant-related activities and laboratories for your class.
» Develop a test plot for various types of crops.

Future Careers (visit AgExplorer.com):
Plant Scientist/Field Agronomist  |  Crop Systems Specialist  |  Agronomist

PLANT SYSTEMS

Build and maintain the compost units at the school.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct composting workshops for homeowners.
» Grow and sell red worms used to produce compost.
» Develop a plan to manage school food waste.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher  |  Conservationist  |  Environmental Science and Protection Technician

SCHOOL-BASED ENTERPRISE

PLANT SYSTEMS

SCHOOL-BASED ENTERPRISE

PLANT SYSTEMS
Volunteer to work with landowners to improve their forest lots.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Research the impact of various insects on woodlot management.
- Start your own pruning business.
- Assist a timber stand improvement specialist.

Future Careers (visit AgExplorer.com):
- Extension Agent
- Forester
- Conservationist

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Provide forestry walk-through tours for elementary students.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Assist a timber stand improvement specialist.
- Work for a nature center.
- Manage and improve woodlot areas including firewood, habitat, etc.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Forester
- Event Manager

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Plan plant-related activities and laboratories for your class.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Create a brochure about common houseplant diseases and how to take care of them.
- Take care of flower beds/gardens on school property.
- Work at an area garden center.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- College/University Professor
- Extension Agent

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Do a garden projection for school land and have it mapped out four years in advance.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work at an area garden center.
- Research the effect of various planting times on yields of fruits and/or vegetables.
- Research plant propagation techniques.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Agronomist
- Greenhouse Manager
Collect and laminate plants from a nursery landscape career development event at various stages of growth.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Take pictures and make a CD for plant or insect identification.
» Discover the native plants for your ecological area and determine how prevalent they are currently.
» Create a brochure on creating a wildlife habitat in backyards to share with the community.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Arborist | Horticulturist

PLANT SYSTEMS

Take pictures and make a CD for plant or insect identification.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Collect and laminate plants from a nursery landscape career development event at various stages of growth.
» Discover the native plants for your ecological area and determine how prevalent they are currently.
» Create a brochure about common houseplant diseases and how to take care of them.

Future Careers (visit AgExplorer.com):
Weed Scientist | Entomologist | Agriculture Science Teacher

PLANT SYSTEMS

Complete a report on 10 food plants that includes origin, uses and cultivation practices.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create posters that show foods from raw to finished product.
» Use the school lab to manage small vegetable crop variety plots.
» Create hands-on classroom activities.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Agricultural Literacy and Advocacy Specialist | Agronomist

EXPLORATORY

School-Based Enterprise

Future Careers (visit AgExplorer.com):
Agriculture Teacher | Arborist | Horticulturist

EXPLORATORY

Research
### Design, build and sell lawn ornaments.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Operate a lawn maintenance/mowing service.
- Start a leaf collection service in the fall and sell mulch in the spring.
- Create hands-on classroom activities.

**Future Careers** ([visit AgExplorer.com](https://www.AgExplorer.com)):
- Landscape Designer
- Welder
- Marketing Specialist

### Operate a lawnmower service and repair business.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Operate a lawn maintenance/mowing service.
- Create a teaching model to show how a small gas engine works.
- Work for a small engine repair shop—overhaul and repair.

**Future Careers** ([visit AgExplorer.com](https://www.AgExplorer.com)):
- Agriculture Science Teacher
- Landscape Technician
- Maintenance/Service Technician

### Build garden sheds for homeowners.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Run a custom fence-building and repair business.
- Complete home- or farmstead-improvement construction activities.
- Conduct composting workshops for homeowners.

**Future Careers** ([visit AgExplorer.com](https://www.AgExplorer.com)):
- Carpenter/Laborer
- Welder
- Customer Service Representative

### Start a custom spraying service that utilizes GPS.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Conduct a field demonstration on GPS systems for elementary students.
- Map fields, weeds, etc. for producers using GPS and GIS.
- Study the effects of excessive lawn chemicals on wildlife.

**Future Careers** ([visit AgExplorer.com](https://www.AgExplorer.com)):
- Custom Applicator
- Aerial Applicator/Agricultural Pilot
- Precision Agriculture Specialist
Design custom computer programs using Excel or other software to solve problems for producers.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Volunteer to design a website for a local agriculture group.
» Research the differences among farm management software systems.
» Provide basic internet and email training to producers to increase their level of confidence in using technology.

Future Careers (visit AgExplorer.com):
Information Technology Configurator  |  Information Technology Software Developer  |  Information Technology Programmer

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Map fields, weeds, etc. for producers using GPS and GIS.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Conduct a field demonstration on GPS systems for elementary students.
» Assist with GPS mapping for an agronomic services company.
» Prepare a 10-minute presentation on GIS mapping for forestry, wildlife, soil and water management.

Future Careers (visit AgExplorer.com):
Precision Agriculture Specialist  |  Geospatial Analytics Scientist  |  Ecologist

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Provide basic internet and email training to producers to increase their level of confidence in using technology.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Volunteer to do website and brochure development for local agricultural businesses.
» Start a basic computer help service for area agriculture producers.
» Design custom computer programs using Excel or other software to solve problems for producers.

Future Careers (visit AgExplorer.com):
Information Technology Specialist  |  Customer Service Representative  |  Agriculture Science Teacher

OWNERSHIP/ENTREPRENEURSHIP

Operate a business that computerizes farmers’ records.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the differences among farm management software systems.
» Design custom computer programs using Excel or other software to solve problems for producers.
» Work for a local tax accountant who handles agriculture customers.

Future Careers (visit AgExplorer.com):
Agriculture Financial Service Representative  |  Accounting Manager  |  Information Technology Specialist

OWNERSHIP/ENTREPRENEURSHIP

Precision Agriculture Specialist  |  Geospatial Analytics Scientist  |  Ecologist

POWER, STRUCTURAL & TECHNICAL SYSTEMS
Run a custom fence-building and repair business.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Complete home- or farmstead-improvement construction activities.
» Build garden sheds for homeowners.
» Work for an irrigation service company.

Future Careers (visit AgExplorer.com):
Carpenter/Laborer | Maintenance/Service Technician | Herdsman

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Work as a diesel mechanic assistant.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Machine and rebuild engine parts for agricultural equipment.
» Work as an assistant for an auto, truck or tractor mechanic.
» Create a teaching model to show how a small gas engine works.

Future Careers (visit AgExplorer.com):
Mechanical Engineer | Maintenance/Service Technician | Hydraulic Technician

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Restore a tractor and sell it or restore a tractor for someone else.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Machine and rebuild engine parts for agricultural equipment.
» Construct prototypes of hydraulic systems.
» Work as an assistant for an auto, truck or tractor mechanic.

Future Careers (visit AgExplorer.com):
Hydraulic Technician | Maintenance/Service Technician | Mechanical Engineer

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Work for an irrigation service company.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the water savings accomplished by new irrigation technologies.
» Own and operate a water system farm drainage (tiltling) company.
» Research the cost-versus-return of automating systems in an agricultural processing facility.

Future Careers (visit AgExplorer.com):
Irrigation Specialist | Customer Service Representative | Hydrologist

POWER, STRUCTURAL & TECHNICAL SYSTEMS
Assist with GPS mapping for an agronomic services company.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Conduct a field demonstration on GPS systems for elementary students.
- Start a custom spraying service that utilizes GPS.
- Prepare a 10-minute presentation on GIS mapping for forestry, wildlife, soil and water management.

Future Careers (*visit AgExplorer.com*):
- Precision Agriculture Specialist
- Geospatial Analytics Scientist
- Ecologist

**POWER, STRUCTURAL & TECHNICAL SYSTEMS**

Work as an assistant for an auto, truck or tractor mechanic.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Operate a lawnmower service and repair business.
- Restore a tractor and sell it or restore a tractor for someone else.
- Machine and rebuild engine parts for agricultural equipment.

Future Careers (*visit AgExplorer.com*):
- Hydraulic Technician
- Maintenance/Service Technician
- Mechanical Engineer

**POWER, STRUCTURAL & TECHNICAL SYSTEMS**

Work in a welding shop.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Test the strength of different types of welds.
- Design, build and sell lawn ornaments.
- Create a demonstration model that shows proper and improper welding techniques.

Future Careers (*visit AgExplorer.com*):
- Welder
- Agriculture Science Teacher
- Customer Service Representative

**POWER, STRUCTURAL & TECHNICAL SYSTEMS**

Work for a local electrician in agricultural settings.

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Wire agricultural buildings for lights and receptacles.
- Research the energy use of different types of lighting systems in farm buildings.
- Create hands-on classroom activities.

Future Careers (*visit AgExplorer.com*):
- Electrical Engineer
- Electrician/Electronics Technician
- Automation Technician/Coordinator
Pour concrete forms for machine sheds or other agricultural buildings.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a local cement company that installs agricultural applications.
» Complete home- or farmstead-improvement construction activities.
» Create hands-on classroom activities.

Future Careers (visit AgExplorer.com):
Truck Driver | Hydraulic Technician | Carpenter/Laborer

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Wire agricultural buildings for lights and receptacles.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a local electrician in agricultural settings.
» Research the energy use of different types of lighting systems in farm buildings.
» Create hands-on classroom activities.

Future Careers (visit AgExplorer.com):
Electrical Engineer | Electrician/Electronics Technician | Automation Technician/Coordinator

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Work on plumbing waste systems and air and water systems in agricultural settings.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Study pollution control practices.
» Work for a plumbing business in an agricultural setting.
» Work as a trencher for waste-water lagoons.

Future Careers (visit AgExplorer.com):
Maintenance/Service Technician | Occupational Health and Safety Manager | Sanitation Coordinator

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Provide maintenance for school shop equipment.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Manage the steel inventory in the agriculture shop.
» Create a teaching model to show how a small gas engine works.
» Create a demonstration model that shows proper and improper welding techniques.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Maintenance/Service Technician | Hydraulic Technician

POWER, STRUCTURAL & TECHNICAL SYSTEMS
Manage the steel inventory in the agriculture shop.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Test the strength of different types of welds.
- Create a teaching model to show how a small gas engine works.
- Create a demonstration model that shows proper and improper welding techniques.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Inventory/Stock Specialist
- Warehouse/Facility Manager

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Work for a small engine repair shop—overhaul and repair.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Operate a lawnmower service and repair business.
- Create a teaching model to show how a small gas engine works.
- Machine and rebuild engine parts for agricultural equipment.

Future Careers (visit AgExplorer.com):
- Maintenance/Service Technician
- Mechanical Engineer
- Welder

Machine and rebuild engine parts for agricultural equipment.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Create a teaching model to show how a small gas engine works.
- Operate a lawnmower service and repair business.
- Construct prototypes of hydraulic systems.

Future Careers (visit AgExplorer.com):
- Maintenance/Service Technician
- Mechanical Engineer
- Welder

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Work with county soil and water engineers—assist in measuring and engineer design.

Is this right for me?
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
- Research the water savings accomplished by new irrigation technologies.
- Assist landowners with the installation of soil conservation practices.
- Research the adoption of technology by agriculture producers in your area.

Future Careers (visit AgExplorer.com):
- Environmental Engineer
- Soil Scientist
- Irrigation Specialist
**POWER, STRUCTURAL & TECHNICAL SYSTEMS**

**Work as a surveyor’s assistant.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Map fields, weeds, etc. for producers using GPS and GIS.
- Work with county soil and water engineers - assist in measuring and engineer design.
- Study soil profiles from multiple locations in your community and develop a soil map.

**Future Careers (visit AgExplorer.com):**
- Conservationist
- Environmental Engineer
- Environmental Compliance Officer

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**Work for a plumbing business in an agricultural setting.**

**Is this right for me?**
- Would I enjoy working with this project?
- Do I currently have, or have access to, needed resources for this project?

**Where could I take this project?**
- Work on plumbing waste systems and air and water systems in agricultural settings.
- Complete home- or farmstead-improvement construction activities.
- Create hands-on classroom activities.

**Future Careers (visit AgExplorer.com):**
- Sanitation Coordinator
- Water Treatment Technician
- Environmental Engineer
Construct prototypes of hydraulic systems.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Restore a tractor and sell it or restore a tractor for someone else.
» Work as a diesel mechanic assistant.
» Machine and rebuild engine parts for agricultural equipment.

Future Careers (visit AgExplorer.com):
Wind Substation Technician | Mechanical Engineer | Hydraulic Technician

Report on all of the control systems used in a typical greenhouse.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Plan plant-related activities and laboratories for your class.
» Discover the best types of artificial lights for plant growth.
» Study the change in input costs over time for a given agricultural business.

Future Careers (visit AgExplorer.com):
Production Manager | Automation Technician/Coordinator | Greenhouse Manager

Interview area agriculture producers about the changes in technology over the past 50 years.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the biggest challenges producers face when adopting new technology.
» Research the adoption of technology by agriculture producers in your area.
» Create and produce a weekly television or radio show about FFA and agriculture.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Agriculture Journalist | Research and Development Manager

Shadow a computer professional in any agriculture-related industry.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Design custom computer programs using Excel or other software to solve problems for producers.
» Provide basic internet and email training to producers to increase their level of confidence in using technology.
» Volunteer to design a website for a local agriculture group.

Future Careers (visit AgExplorer.com):
Information Technology Specialist | Information Technology Analyst | Information Technology Programmer
Research the adoption of technology by agriculture producers in your area.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the biggest challenges producers face when adopting new technology.
» Study the latest advancements of robotics in agriculture.
» Hold a classroom demonstration on automated systems.

Future Careers (visit AgExplorer.com):
- Automation Technician/Coordinator
- Agricultural Literacy and Advocacy Specialist

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Test the strength of different types of welds.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Create a demonstration model that shows proper and improper welding techniques.
» Work in a welding shop.
» Design, build and sell lawn ornaments.

Future Careers (visit AgExplorer.com):
- Agriculture Science Teacher
- Welder
- Research Associate

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Research the differences among farm management software systems.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Design custom computer programs using Excel or other software to solve problems for producers.
» Provide basic internet and email training to producers to increase their level of confidence in using technology.
» Volunteer to do website and brochure development for local agricultural businesses.

Future Careers (visit AgExplorer.com):
- Information Technology Specialist
- Information Technology Analyst

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Research the cost-versus-return of automating systems in an agricultural processing facility.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Hold a classroom demonstration on automated systems.
» Work for a local university in the area of robotics in agriculture.
» Study the change in input costs over time for a given agricultural business.

Future Careers (visit AgExplorer.com):
- Automation Technician/Coordinator
- Chief Financial Officer
- Process/Continuous Improvement Manager
Study the latest advancements of robotics in agriculture.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Research the cost-versus-return of automating systems in an agricultural processing facility.
» Research the biggest challenges producers face when adopting new technology.
» Work for a local university in the area of robotics in agriculture.

Future Careers (visit AgExplorer.com):
Automation Technician/Coordinator | Agriculture Science Teacher | Process/Continuous Improvement Manager

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Research the water savings accomplished by new irrigation technologies.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for an irrigation service provider.
» Work for a company that installs plastic drainage tile for farm fields.
» Own and operate a water system farm drainage (tilling) company.

Future Careers (visit AgExplorer.com):
Irrigation Specialist | Extension Faculty | Automation Technician/Coordinator

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Research the energy use of different types of lighting systems in farm buildings.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Work for a local electrician in agricultural settings.
» Create hands-on classroom activities.
» Wire agricultural buildings for lights and receptacles.

Future Careers (visit AgExplorer.com):
Electrical Engineer | Electrician/Electronics Technician | Animal Caretaker/Operations Manager

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Research the biggest challenges producers face when adopting new technology.

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?
» Interview area agriculture producers about the changes in technology over the past 50 years.
» Research the adoption of technology by agriculture producers in your area.
» Hold a classroom demonstration on automated systems.

Future Careers (visit AgExplorer.com):
Agriculture Science Teacher | Extension Faculty | Automation Technician/Coordinator
Future Careers (visit AgExplorer.com):

Agriculture Science Teacher | Heavy Equipment Operator/Forklift Operator | Agricultural Literacy and Advocacy Specialist

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?

» Research the effects of erosion on various cover crops.
» Operate a custom combining service.
» Work with a county soil scientist to map soils.

» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?

» Study the possible modifications in agricultural equipment for persons with disabilities.
» Research methods for preventing common accidents in an agriculture department laboratory.
» Research the rate of accidents on area farms and compare to national averages.
» Research the cost-versus-return of automating systems in an agricultural processing facility.

Future Careers (visit AgExplorer.com):

Agricultural Lobbyist | Process/Continuous Improvement Manager | Human Resources Manager

POWER, STRUCTURAL & TECHNICAL SYSTEMS

Is this right for me?
» Would I enjoy working with this project?
» Do I currently have, or have access to, needed resources for this project?

Where could I take this project?

» Compare and contrast the different styles of tillage equipment.

» Research the effects of erosion on various cover crops.
» Operate a custom combining service.
» Work with a county soil scientist to map soils.

» Study the possible modifications in agricultural equipment for persons with disabilities.

» Research methods for preventing common accidents in an agriculture department laboratory.
» Research the rate of accidents on area farms and compare to national averages.
» Research the cost-versus-return of automating systems in an agricultural processing facility.