

# Agriculture, Food, and Natural Resources

Agriculture, food, and natural resources workers produce agricultural goods. This includes food, plants, animals, fabrics, wood, and crops. You might work on a farm, ranch, dairy, orchard, greenhouse, or plant nursery. You could also work in a clinic or laboratory as a scientist or engineer. You could also work to conserve natural resources or protect the environment.

## Careers Include

- Forest Fire Fighter
- Biochemist
- Food Inspector
- Cartographer
- Farm Worker
- Environmental Scientist

## Typical Interests

- Enjoys nature
- Taking care of pets or animals
- Caring about the environment
- Gardening
- Working outdoors

## High School Areas of Focus

- Earth Science
- Biology
- Chemistry
- Natural History
- Statistics
- Math



# Architecture and Construction

Architecture and construction workers work on buildings and other structures including highways, bridges, houses and buildings. You might create designs or plans for new structures, or use the plans to build or manage the workers on the project. Some construction workers are skilled in trades such as carpentry, painting, plumbing, electrical or landscaping.

## Careers Include

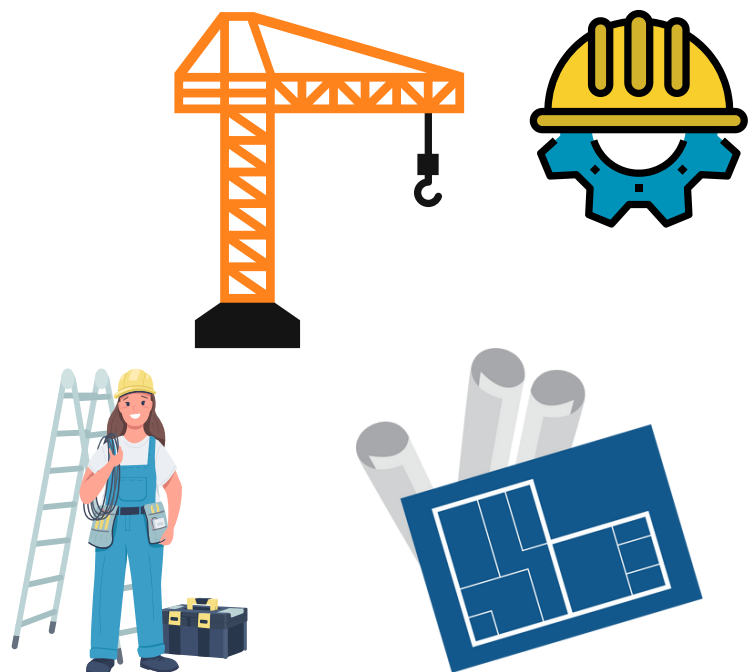
- Architect
- Carpenter
- Roofer
- Civil Engineer
- Brick Mason
- Electrician
- Plumber
- Landscaper

## Typical Interests

- Enjoy working with your hands
- Problem solving
- Enjoys home improvement projects
- Math or science
- Working outside
- Building things

## High School Areas of Focus

- Algebra
- Geometry
- CAD
- Construction
- Civil Engineering
- Electronics



# Arts, A/V Technology and Communications

Arts, audio/video technology, and communications workers use creativity and their talents on the job. You might work for an audience as a performer or artist. This includes painters, dancers, sculptors, actors, and singers. Or, you might work behind the scenes to make a performance successful. This includes set designers, editors, broadcast technicians, and camera operators.

## Careers Include

- Artist
- Dancer
- Actor
- Singer
- Radio Broadcaster
- Podcaster
- News Reporter
- Graphic Designer

## Typical Interests

- Drawing
- Performing (music, drama or dance)
- Creating videos or podcasts
- Painting
- Being creative
- Making jewelry or sculptures
- Pottery

## High School Areas of Focus

- Art
- Journalism
- Photography
- Fashion Design
- Music
- Graphic Design



# Business, Management and Administration

Business, management, and administrative workers give the support needed to make a business run. You might check employee time records or train new employees. Or, you might work as a top executive and provide the overall direction for a company or department.

## Careers Include

- Accountant / CPA
- Office Manager
- Court Reporter
- Executive Assistant
- Chief Executive Officer
- Operations Manager
- School Secretary
- Payroll Clerk

## Typical Interests

- Running your own business
- Being captain of a sports team
- Organizing a fundraiser
- Learning about the economy
- Managing tasks for a group
- Organizing a school event

## High School Areas of Focus

- Economics
- Business
- Accounting
- English
- Leadership Courses
- Public Speaking



# Education and Training

Education and training workers guide and train people. As a teacher, you could influence young lives. You could also support the work of a classroom teacher as a counselor, librarian, or principal. You could coach sports activities or lead community classes.

## Careers Include

- Teacher
- School Counselor
- College Advisor
- Librarian
- School Principal
- Fitness Instructor
- Museum Coordinator
- Tutor
- Interpreter or Translator
- Sports Coach

## Typical Interests

- Working with people
- Problem solving
- Helping others
- Love learning
- Sharing ideas
- Being a leader
- Teaching / training

## High School Areas of Focus

- English
- Math
- Science
- History
- Sociology
- Psychology
- Anthropology



# Finance

The financial career cluster is for people who like to work with money, plan for the future, and help others manage their finances. These careers are all about handling financial transactions, from small savings accounts to huge loans for businesses.

## Careers Include

- Auditor
- Accounts Payable
- Bank Teller
- Loan Officer
- Insurance Officer
- Investor
- Credit Analyst

## Typical Interests

- Investing money
- Developing a budget
- Using spreadsheets
- Studying the stock market
- Analyzing data
- Working with numbers
- Solving math equations

## High School Areas of Focus

- Business
- Math
- Statistics
- Algebra
- Economics
- Business Law



# Government and Public Administration

The Government and Public Administration career cluster involves jobs that help manage and run communities by planning, executing, and overseeing government functions at all levels. This includes working for your local town, state, or the federal government to ensure laws are followed, services are provided, communities are safe, and citizens' needs are met.

## Careers Include

- Government Investigator (FBI, CIA, etc.)
- City Manager
- Mayor
- Senator
- City Hall Clerk
- Social Worker
- Transportation Security Agent (TSA)

## Typical Interests

- Participating in debates
- Making speeches
- Run for student government
- Campaign for political candidates
- Resolving conflicts
- Enforcing rules
- Helping others

## High School Areas of Focus

- Business
- Law
- Economics
- Government
- History
- Humanities
- Sociology



# Health Science

The Health Science career cluster is for people interested in jobs related to healthcare, which includes everything from becoming a doctor to working in a lab. This field focuses on promoting health and wellness, as well as treating injuries and diseases.

## Careers Include

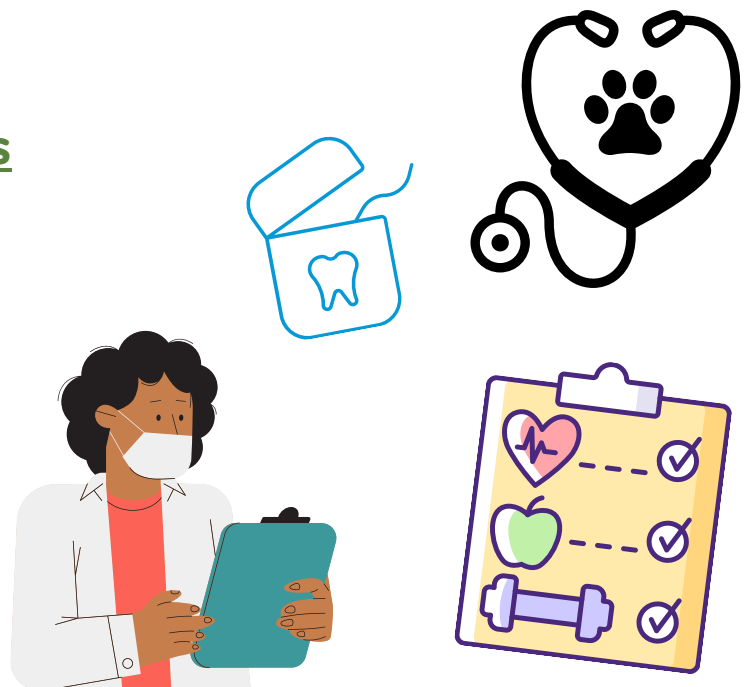
- Doctor
- Nurse
- Athletic Trainer
- Dietitian
- Dentist
- Physical Therapist
- Music or Art Therapist
- Surgeon
- Veterinarian

## Typical Interests

- Helping others
- Learning how the body works
- Volunteering at a hospital or nursing home
- Enjoy working out
- Working with people
- Schoolwork or studying
- Science or Biology

## High School Areas of Focus

- Biology
- Anatomy
- Psychology
- Health
- Physical Education
- First Aid





# Hospitality and Tourism

The hospitality and tourism career cluster is all about creating fun experiences and providing services for people traveling and enjoying their free time, like hotels, restaurants, and theme parks. It includes jobs where you help people find a place to stay, get a good meal, plan a trip, or have a great time at an event or attraction.

## Careers Include

- Camp Counselor
- Travel Agent
- Hotel Manager
- Chef, Cook, Baker, or Server
- Tour Guide
- Theme Park Attendant
- Lifeguard
- Cruise Director
- Professional Athlete

## Typical Interests

- Meeting new people
- Helping others
- Planning trips or events
- Participating in sports
- Working in restaurants
- Customer Service
- Problem Solving
- Being Organized

## High School Areas of Focus

- English
- Physical Education
- Culinary Program
- Leadership
- Business
- Sociology



# Human Services

People who have jobs in the human services career cluster help to improve other people's lives, from their mental health and wellness to helping them with daily needs like housing or childcare.

## Careers Include

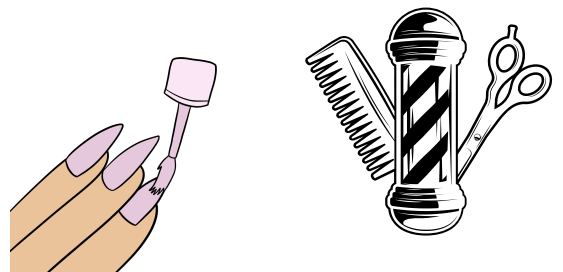
- Nail Technician
- Hair Stylist
- Nanny
- Nutritionist
- Massage Therapist
- School Counselor
- Mediator
- Child Care
- Community Worker

## Typical Interests

- Caring and empathetic
- Helping others
- Solving problems
- Babysitting
- Cutting or styling hair
- Customer Service
- Desire to make a difference

## High School Areas of Focus

- Home Economics
- Child Care
- Sociology
- Psychology
- Nursing
- Human Development
- Cosmetology



# IT Information Technology

The Information Technology career cluster focuses on careers that involve computers and technology. It covers everything from making computer hardware and software to helping people fix their tech issues. Information Technology is rapidly growing and constantly changing, and has a big impact on society and the economy.

## Careers Include

- Database Administrator
- Network Systems Analysts
- Web Developer
- Software Engineer
- Cyber Security
- Video Game Designer
- App Developer
- IT Support Specialist

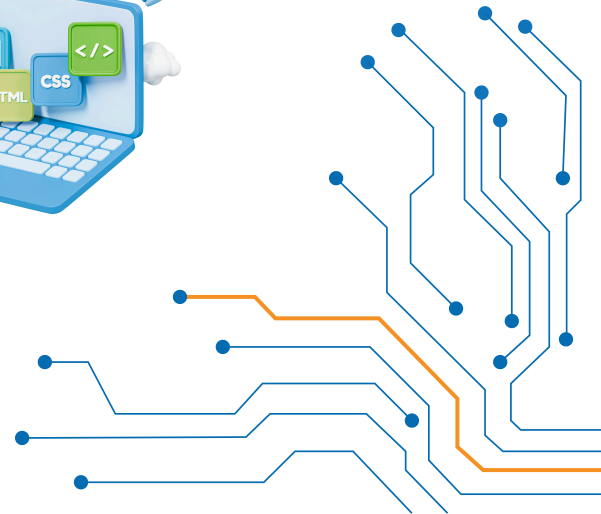
## Typical Interests

- Playing video games
- Developing web pages
- Learning about software
- Analyzing data
- Coding



## High School Areas of Focus

- Advanced Math
- Computer Science
- Information Systems
- Applied Technology
- Web Design
- Programming Languages



# Law, Public Safety, Corrections and Security

The Law, Public Safety, Corrections, and Security career cluster is about protecting and serving the public to keep everyone safe. It includes a wide range of jobs, from being a police officer to a firefighter or even a lawyer. These jobs focus on planning, managing, and providing legal services, security, and emergency services.

## Careers Include

- Police Officer
- Firefighter
- Correctional Officer
- Security Guard
- Lawyer
- Emergency Dispatcher
- Judge
- Park Ranger

## Typical Interests

- Reading mystery novels
- Following court cases in the news
- Enforcing rules
- Protecting others
- Justice
- Work well in high stress situations
- Making others feel safe

## High School Areas of Focus

- Law
- Government
- History
- Psychology
- Sociology
- First Aid / Health



# Manufacturing

The manufacturing career cluster is all about making things! In manufacturing, you turn raw materials into things people need, like phones, cars, clothes, and even food. You can work with your hands to build products, use special machines, or use your creative skills to design how things are made. Manufacturing helps society by making all sorts of products we use every day.

## Careers Include

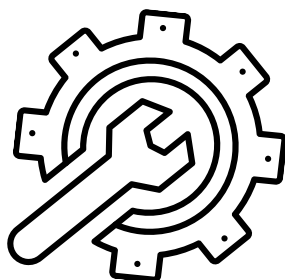
- Machine Operator
- Welder
- Furniture Builder
- Industrial Equipment Repair
- Assembly
- Packing Specialist
- Warehouse Manager

## Typical Interests

- Building things with your hands
- Basic home repairs
- STEM
- Working with machinery
- Finding better solutions
- Detail oriented
- Precise results

## High School Areas of Focus

- Math
- Shop Mechanics
- Electronics
- Robotics
- Maintenance
- Metalworking
- Carpentry



# Marketing, Sales, and Service

The Marketing, Sales, and Service career cluster is all about connecting with people to get them interested in and excited about specific products and services. It's about figuring out what customers want and then coming up with a plan to sell it to them. Think of it as the hub for advertising, selling, and helping customers.

## Careers Include

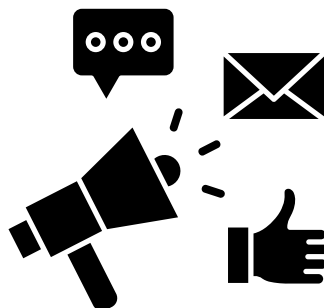
- Salesperson
- Retail Buyers
- Marketing Specialist
- Advertisement
- Order Entry Specialist
- Youtuber
- Fashion Model
- Car Dealership

## Typical Interests

- Sell products for fundraisers
- Convincing people to buy things
- Building relationships with people
- Meeting new people
- Setting and completing goals
- Negotiation
- Good at multi-tasking
- Ambitious

## High School Areas of Focus

- Business
- Speech / Public Speaking
- Math
- English
- Marketing
- Accounting
- Communication
- Psychology
- Economics



# Science, Technology, Engineering, and Math

The STEM career cluster is for people who use science, technology, engineering, and math to solve problems. STEM jobs are hands-on and are about more than just numbers and labs. They require skills like creativity, teamwork, and strong communication. STEM careers are about expanding out concept of the universe and inventing for the future.

## Careers Include

- Marine Biologist
- Robot Engineer
- Aerospace Engineer
- Data Scientist
- Mathematician
- Astronaut
- Augmented Reality Architect

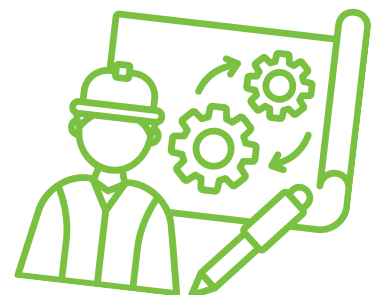
## Typical Interests

- Interested in how the world works
- Create new things
- Curious
- Working in a group
- 



## High School Areas of Focus

- Calculus
- Biology
- Chemistry
- Physics
- Math
- Robotics
- Computer Science



# Transportation, Distribution and Logistics

The Transportation Career Cluster is all about getting people and things from one place to another safely, quickly, and affordably. It includes every step of the journey, from planning and scheduling to driving, repairing, and managing equipment.

## Careers Include

- Commercial Pilot
- Air Traffic Control
- Cargo Handler
- Bus and Auto Mechanics
- Boat Captain
- Train Conductor
- Bus Drivers
- Truck Driver

## Typical Interests

- Flying, driving, or boating
- Working on cars, bikes, etc.
- Working on a team
- Strong communication skills
- Care about the safety of others
- Problem solving
- Multi-tasking
- Technology
- Travel

## High School Areas of Focus

- Math
- English
- Communication
- Geography
- Business
- Drivers Education
- Truck Driving / Commercial Drivers Licensure

