Accountant

Architect
Overview: Accountants and auditors assemble, analyze, and check the accuracy of financial information.

Career Cluster: Science, Technology, Engineering, and Mathematics

Subjects:
- Reading and writing
- Math
- Computers/technology

Schooling:
- Have an associate or bachelor’s degree in accounting

Where to Find Me:
- Almost every industry hires accountants

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Overview: Architects plan and design all types of buildings and structures.

Career Cluster: Architecture and Construction

Subjects:
- Reading and writing
- Art
- Math
- Computers/technology
- Safety

Schooling:
- Have at least a bachelor’s degree in architecture
- Complete a three-year internship
- Have a license

Where to Find Me:
- Construction companies
- Architectural design firms
- Government agencies
Artist

Astronaut
**Overview:** Artists create works of art to communicate ideas, thoughts, or feelings.

**Career Cluster:** Arts, Audio/Visual Technology, and Communications

**Subjects:**
- Computers/technology
- Art

**Schooling:**
- Have a bachelor's degree in a related field
- Complete long-term, on-the-job training

**Where to Find Me:**
- Elementary, middle, and high schools
- Colleges and universities
- Performing arts companies
- Publishing companies (newspapers, books, magazines)
- Marketing firms
- Self-employed

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**Overview:** Astronauts operate and work aboard spacecraft and the space station.

**Career Cluster:** Science, Technology, Engineering, and Mathematics

**Subjects:**
- Math
- Science
- Computers/Technology
- Safety
- Reading

**Schooling:**
- High school diploma or equivalent.
- Have at least a bachelor’s degree in engineering, biological science, physical science, or mathematics.
- Complete at least three years of related professional experience following attainment of degree.
- Pass a NASA space physical.

**Where to Find Me:**
- Government (NASA)
Overview: Bakers mix and bake ingredients to produce breads, pastries, and other baked goods.

Career Cluster: Agriculture, Food and Natural Resources

Subjects:
- Math
- Science
- Reading
- Safety
- Health

Schooling:
- Complete long-term, on-the-job training

Where to Find Me:
- Bakery product manufacturers
- Grocery stores
- Bakeries and pastry stores
- Restaurants

Overview: Bank tellers help customers with their banking activities.

Career Cluster: Finance

Subjects:
- Math
- Computers/technology
- Reading

Schooling:
- High school diploma or equivalent
- Complete short-term, on-the-job training

Where to Find Me:
- Banks, savings institutions, and credit unions
Overview: Cashiers ring up sales and receive payments for merchandise.

Career Cluster: Marketing

Subjects:
- Computers/technology
- Math
- Reading

Schooling:
- Complete short-term, on-the-job training

Where to Find Me:
- Grocery stores
- Gas stations
- Drug stores
- Department stores
- Pharmacies

Overview: Bus drivers operate motor vehicles that move people from one place to another.

Career Cluster: Transportation, Distribution, and Logistics

Subjects:
- Computers/technology
- First Aid/Safety

Schooling:
- High school diploma or equivalent
- Complete moderate-term, on-the-job training
- Have a commercial driver's license and good driving record

Where to Find Me:
- Government-sponsored local transportation systems
- Long distance bus companies
- Charter bus companies
- Schools
Caterer

Chef
Overview: Caterers prepare food for parties, events, and conventions. They manage preparation, cooking, delivery, and serving of the food at the event.

Career Cluster: Hospitality and Tourism

Subjects:
• Reading
• Computers/technology
• Math
• Safety

Schooling:
• On-the-job training

Where to Find Me:
• Restaurants
• Hotels and convention centers
• Self-employed
• Catering companies

Overview: Chefs and dinner cooks measure, mix, and cook food.

Career Cluster: Hospitality and Tourism

Subjects:
• Math
• Reading
• Computers/technology
• First Aid/Safety
• Health

Schooling:
• Have a high school diploma or equivalent
• Complete on-the-job training

Where to Find Me:
• Restaurants and delis
• Schools
• Nursing and residential care facilities
• Hospitals
• Bars
Overview: Child care workers supervise, care for, and teach children in day care programs.

Career Cluster: Law, Public Safety, Corrections, and Security

Subjects:
- Physical Education
- First Aid/Safety
- Reading and writing

Schooling:
- High school diploma or equivalent
- Complete short-term, on-the-job training

Where to Find Me:
- Child day care
- Private households
- Elementary and secondary schools

Overview: Coaches

Career Cluster: Science, Technology, Engineering, and Mathematics

Subjects:
- Physical education
- Health
- Safety and first aid

Schooling:
- High school diploma or equivalent

Where to Find Me:
- Colleges and universities
- Elementary and secondary schools
- State and National sports leagues
Computer Programmer

Construction Worker
**Overview:** Computer programmers write and test the instructions that computers follow to perform tasks.

**Career Cluster:** Science, Technology, Engineering, and Mathematics

**Subjects:**
- Reading and writing
- Computers/technology
- Math

**Schooling:**
- Have at least a bachelor's degree in a computer science field

**Where to Find Me:**
- Almost every industry hires computer programmers and technicians

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**Overview:** General construction workers complete a variety of tasks on construction projects.

**Career Cluster:** Architecture and Construction

**Subjects:**
- Physical Education
- First Aid/Safety
- Math
- Computers/technology

**Schooling:**
- Complete short-term, on-the-job training

**Where to Find Me:**
- Office and industrial building construction companies
- Home building construction companies
- Concrete and brick work companies
- Highway and street construction companies
Overview: Crossing Guards direct the movement of walkers and drivers at street intersections and construction sites.

Career Cluster: Law, Public Safety, Corrections, and Security

Subjects:
- Physical Education
- Safety

Schooling:
- High school diploma or equivalent
- Complete moderate-term, on-the-job training

Where to Find Me:
- Local government agencies in charge of construction
- Elementary and secondary schools

Overview: Dentists examine patients’ teeth and mouth and correct dental problems.

Career Cluster: Health Science

Subjects:
- Math
- Science
- Computers/technology
- Reading and writing
- First Aid/Safety
- Health

Schooling:
- Compete at least two years of college
- Graduate from dental school
- Pass a state licensing exam

Where to Find Me:
- Dental offices
- Health clinics
- Local government agencies (public health clinics)
Detective

Doctor
**Overview:** Detectives and investigators gather facts and evidence for criminal cases.

**Career Cluster:** Law, Public Safety, Corrections, and Security

**Subjects:**
- Computers/technology
- Reading and writing
- Physical Education
- Safety
- Geography
- Social Studies

**Schooling:**
- High school diploma or equivalent
- Pass a physical exam and background check
- Complete police academy training
- Have three to five years of experience as a police officer
- Pass a written exam
- Complete moderate-term, on-the-job training

**Where to Find Me:**
- Federal, state, or local law enforcement agencies

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**Overview:** Doctors treat a wide range of conditions and help people try to stay healthy.

**Career Cluster:** Health Science

**Subjects:**
- Science
- Health
- Math
- Reading and writing
- Computers/technology

**Schooling:**
- Have a bachelor’s degree
- Graduate from medical school
- Complete an internship
- Pass a licensing exam
- Complete a residency program

**Where to Find Me:**
- Hospitals, clinics, and medical offices
- Military
- Government agencies
Overview: Farmers and farm managers raise crops and livestock for market.

Career Cluster: Agriculture, Food, and Natural Resources

Subjects:
- Biology
- Math
- Reading
- Computers/Technology
- Engineering
- Safety

Schooling:
- Have a high school diploma or equivalent
- Have more than five years of work experience in agriculture

Where to Find Me:
- Privately owned farms
- Commercial farms

Overview: Engineers solve technical problems.

Career Cluster: Architecture and Construction

Subjects:
- Reading and writing
- Math
- Computers/technology
- Science
- Safety

Schooling:
- Have at least a bachelor’s degree in engineering
- Have a license

Where to Find Me:
- Construction companies
- Architectural design firms
- Government agencies
- Mining companies
- Engineering firms
- Research firms
- Utility Companies
Firefighter

Flight Attendant
**Overview:** Flight attendants take care of airline passengers.

**Career Cluster:** Transportation, Distribution, and Logistics

**Subjects:**
- Foreign Language
- First Aid/Safety
- Geography
- Computers/technology

**Schooling:**
- Have a high school diploma or equivalent
- Complete a flight attendant training program
- Complete moderate-term, on-the-job training

**Where to Find Me:**
- National and regional airlines

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**Overview:** Firefighters put out fires and rescue people who are in danger.

**Career Cluster:** Law, Public Safety, Corrections, and Security

**Subjects:**
- Physical Education
- First Aid/Safety
- Reading and writing
- Geography
- Computers/technology

**Schooling:**
- High school diploma or equivalent
- Pass a written exam, a physical test, and a medical exam
- Complete firefighting training
- Complete long-term, on-the-job training

**Where to Find Me:**
- Local, state, and federal government sponsored fire departments
Forest Ranger

Gardener
**Overview:** Forest Rangers help maintain campground and trails in state and national forests.

**Career Cluster:** Science, Technology, Engineering and Mathematics

**Subjects:**
- Science
- Geography
- History
- Computers/technology
- Reading and writing
- Physical Education
- First Aid/Safety

**Schooling:**
- Have at least a bachelor’s degree in a life science

**Where to Find Me:**
- Federal, state, and local government agencies (parks)

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**Overview:** Mail carriers deliver mail to homes and businesses along an established route.

**Career Cluster:** Business Management and Administration

**Subjects:**
- Physical Education
- Safety
- Reading

**Schooling:**
- High school diploma or equivalent
- Complete short-term, on-the-job training

**Where to Find Me:**
- US Postal Service
**Overview:** Geologists study the history of the earth. They look at how rocks were formed and how they have changed since they were created.

**Career Cluster:** Science, Technology, Engineering, and Mathematics

**Subjects:**
- Reading and writing
- Geography
- Math
- Science
- History
- Computers/technology

**Schooling:**
- Have a high school diploma or equivalent
- Complete an apprenticeship program

**Where to Find Me:**
- Mining and quarrying companies
- Oil refineries
- Government agencies
- Consulting services

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**Overview:** Stock clerks receive, unpack, check, store and track merchandise or materials.

**Career Cluster:** Business Management and Administration

**Subjects:**
- Math
- Reading
- Computers/technology
- Physical Education
- Safety

**Schooling:**
- Complete short-term, on-the-job training

**Where to Find Me:**
- Grocery stores
- Department stores
- Other general merchandise stores
Hairstylist

Housekeeper
**Overview:** Hairstylists and cosmetologists wash, cut, color, perm, and style customers’ hair. Cosmetologists also apply makeup. Barbers also shave customers.

**Career Cluster:** Human Services

**Subjects:**
- Math
- First Aid/Safety
- Science

**Schooling:**
- Complete a cosmetology or hair styling program
- Pass a licensing exam

**Where to Find Me:**
- Beauty salons
- Barber shops

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**Overview:** Maids and housekeepers clean rooms at hotels, motels, private homes and hospitals.

**Career Cluster:** Hospitality and Tourism

**Subjects:**
- Safety
- Health

**Schooling:**
- Complete short-term, on-the-job training

**Where to Find Me:**
- Private households
- Resorts, motels, and hotels
- Nursing and personal care facilities
- Hospitals
- Cleaning services
**Overview:** Janitors keep buildings clean and in good condition.

**Career Cluster:** Hospitality and Tourism

**Subjects:**
- Physical Education
- Safety
- Health

**Schooling:**
- Complete short-term, on-the-job training

**Where to Find Me:**
- Janitorial services companies
- Schools
- Religious organizations

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**Overview:** Judges and hearing officers review cases and make decisions about them based on the law.

**Career Cluster:** Law, Public Safety, Corrections, and Security

**Subjects:**
- Computers/technology
- Safety
- Reading and writing
- Social studies

**Schooling:**
- Have a bachelor’s degree
- Complete a law degree
- Have five years or more of experience as a lawyer
- Complete short-term, on-the-job training

**Where to Find Me:**
- Federal, state, and local government courts
Overview: Lawyers study, explain and apply laws to specific problems.

Career Cluster: Law, Public Safety, Corrections, and Security

Subjects:
- Reading and writing
- Social studies
- Computers/technology

Schooling:
- Have a bachelor’s degree
- Have a law degree
- Pass the Bar exam for the state in which you want to practice

Where to Find Me:
- Law firms
- Local, state, and federal government agencies
- Finance and insurance agencies

Overview: Librarians organize materials in libraries and help people locate them.

Career Cluster: Education and training

Subjects:
- Computers/technology
- Reading and writing
- Art (audio/visual)

Schooling:
- Have a high school diploma or equivalent
- Have a bachelor’s degree
- Have a master’s degree in library and information science

Where to Find Me:
- Elementary, middle, and high schools
- Public libraries
- Colleges and universities
- Government agencies
Lifeguard

Mail Carrier
Overview: Lifeguards monitor recreational areas, such as lakes and pools. They rescue people and provide first aid when needed. Career Cluster: Law, Public Safety, Corrections, and Security
Subjects:
- Physical Education
- First Aid/Safety
- Health

Schooling:
- Have CPR certification
- Be an accomplished swimmer or skier
- Complete short-term, on-the-job training

Where to Find Me:
- Local government agencies (pools and public beaches)
- Fitness and sports centers
- Country clubs
- Water parks
- Resorts and hotels

Overview: Mail carriers deliver mail to homes and businesses along an established route.
Career Cluster: Business Management and Administration

Subjects:
- Physical Education
- Safety
- Reading

Schooling:
- High school diploma or equivalent
- Complete short-term, on-the-job training

Where to Find Me:
- US Postal Service
Mechanic

Meteorologist
**Overview:** Automobile mechanics inspect, maintain, and repair cars and light trucks.

**Career Cluster:** Transportation, Distribution, and Logistics

**Subjects:**
- Computers/technology
- Reading
- Math
- Safety
- Science

**Schooling:**
- High school diploma or equivalent
- Complete a formal training program
- Complete short-term, on-the-job training

**Where to Find Me:**
- Auto repair shops
- Auto dealerships
- Auto supply stores

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**Overview:** Meteorologists study the earth’s atmosphere and the ways it affects our environment.

**Career Cluster:** Science, Technology, Engineering, and Mathematics

**Subjects:**
- Math
- Science
- Reading
- Computers/Technology
- Art (audio/visual)
- Safety

**Schooling:**
- Complete at least a bachelor's degree in meteorology

**Where to Find Me:**
- Federal government agencies (National Oceanic and Atmospheric Administration, Weather Service)
- Weather consulting firms
- Research and testing stations
- Radio and television stations

**Overview:**
Overview: Military enlisted personnel work in various occupations in the Army, Air Force, Coast Guard, Marine Corps, and Navy.

Career Cluster: Law, Public Safety, Corrections, and Security

Subjects:
- Physical Education
- First Aid/Safety
- Computers/technology
- Engineering
- Reading and writing
- Math

Schooling:
- Have a high school diploma or equivalent

Where to Find Me:
- Government base

Overview: Music composers, directors, and arrangers write, arrange, and direct music.

Career Cluster: Arts, Audio/Visual Technology, and Communications

Subjects:
- Reading and writing
- Art (music)

Schooling:
- Have a bachelor’s degree in music
- Have one to five years of experience as a musician

Where to Find Me:
- Performing arts companies
- Religious Organizations
Musician

Nurse
Overview: Nurses care for patients who are ill or injured.

Career Cluster: Health Science

Subjects:
- Science
- Math
- Computers/technology
- Safety and first aid
- Health

Schooling:
- Graduate from a nursing program (2-year or 4-year)
- Complete supervised clinical work experience
- Have a license

Where to Find Me:
- Hospitals
- Doctor's offices
- Home health care services
- Schools
- Nursing homes and other personal care facilities

Overview: Musicians perform music on stage and in recording studios.

Career Cluster: Arts, Communications & Information Systems

Subjects:
- Reading and writing
- Band
- Chorus
- Computers/technology
- Computer sciences/technology

Schooling:
- Complete long-term, on-the-job training
- Be talented

Where to Find Me:
- Elementary, middle, and high schools
- Colleges and universities
- Motion picture and sound recording companies
- Performing arts and sporting events
**Overview:** Emergency medical technicians and paramedics give care to ill or injured people in emergency situations. If patients need more care, they drive them to medical facilities.

**Career Cluster:** Law, Public Safety, Corrections, and Security

**Subjects:**
- Math
- Science
- Computers/technology
- First Aid/Safety
- Health

**Schooling:**
- High school diploma or equivalent
- Complete an approved emergency medical technician program
- Be certified

**Where to Find Me:**
- Hospitals
- Private ambulance firms
- Fire departments

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**Overview:** Painters apply paint, stain, varnish, and other finishes to buildings and other structures.

**Career Cluster:** Architecture and Construction

**Subjects:**
- Physical Education
- Safety
- Math
- Safety
- Math

**Schooling:**
- Complete moderate-term, on-the-job training

**Where to Find Me:**
- Painting and wallpaper hanging companies
Pharmacist

Photographer
**Overview:** Photographers produce images that paint a picture, tell a story, or record an event.

**Career Cluster:** Arts, Audio/Visual Technology, and Communications

**Subjects:**
- Art
- Computers/technology
- Reading and writing

**Schooling:**
- High school diploma or equivalent
- Complete long-term, on-the-job training

**Where to Find Me:**
- Photographic portrait studios
- Newspapers and magazines

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**Overview:** Pharmacists dispense drugs and provide information about their use.

**Career Cluster:** Health Science

**Subjects:**
- Science
- Math
- Reading and writing
- First Aid/Safety
- Health

**Schooling:**
- Complete at least two years of pre-pharmacy courses in college
- Graduate from a four-year pharmacy program
- Complete an internship
- Pass a state licensing exam

**Where to Find Me:**
- Pharmacies and drug stores
- Hospitals and clinics
- Grocery store pharmacies
**Overview:** Airplane and commercial pilots fly airplanes and helicopters.

**Career Cluster:** Transportation, Distribution, and Logistics

**Subjects:**
- Math
- Science
- Computers/technology
- Engineering
- Reading
- Safety

**Schooling:**
- High school diploma or equivalent
- Complete flight training and requirements for a commercial pilot’s license

**Where to Find Me:**
- National and regional airlines
- Airports, flying fields, and airplane services
- Flight training schools

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**Overview:** Plumbers and pipefitters install and repair pipe systems that carry water, steam, air, or other fluids or gases.

**Career Cluster:** Architecture and Construction

**Subjects:**
- Reading
- Art
- Math
- Science
- Physical Education

**Schooling:**
- High school diploma or equivalent
- Complete an apprenticeship program

**Where to Find Me:**
- Construction and plumbing companies
- Pipeline transportation companies
- Repair services
- Utilities
- Transportation equipment companies
**Overview:** Police officers keep order in their communities and make sure that people follow the laws.

**Career Cluster:** Law, Public Safety, Corrections, and Security

**Subjects:**
- Physical Education
- First Aid/Safety
- Social studies
- Computers/technology

**Schooling:**
- Have a high school diploma or equivalent
- Complete moderate-term, on-the-job training

**Where to Find Me:**
- Local, state, and federal police departments

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**Overview:** Secretaries and receptionists greet visitors, answer phone calls, and perform clerical duties.

**Career Cluster:** Business Management and Administration

**Subjects:**
- Computers/technology
- Reading and writing

**Schooling:**
- Have a high school diploma or equivalent
- Complete short-term, on-the-job training

**Where to Find Me:**
- Schools and colleges
- Doctors’ offices
- Dentists’ offices
- Temporary worker agencies
- Local, state, and federal government agencies
- Hospitals
**Overview:** News reporters write and report news stories for newspaper, radio, or television.

**Career Cluster:** Arts, Audio/Visual Technology, and Communications

**Subjects:**
- Reading and writing
- Computers/technology
- Geography

**Schooling:**
- Have a bachelor’s degree

**Where to Find Me:**
- Radio and television stations
- Newspapers

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**Overview:** Scientists investigate systems in the natural world to solve problems and learn about the world around us.

**Career Cluster:** Science, Technology, Engineering, and Mathematics

**Subjects:**
- Reading and writing
- Computers/technology
- Math
- Science
- Safety

**Schooling:**
- Have at least a bachelor’s degree

**Where to Find Me:**
- Government agencies
- Colleges and universities
- Research and development companies
- Drug companies
- Food production companies
Surgeon

Taxi Driver
Overview: Surgeons perform surgery to diagnose and treat patients.

Career Cluster: Health Science

Subjects:
- Science
- Math
- First Aid and safety
- Computers/Technology
- Health
- Reading

Schooling:
- Have a bachelor’s degree
- Graduate from medical school
- Complete an internship
- Pass a state licensing exam
- Complete a five-year residency program in surgery
- Pass additional exams to become board certified

Where to Find Me:
- Doctor’s offices
- Hospitals
- Federal, state, and local government agencies

Overview: Taxi drivers and chauffeurs transport passengers to and from their homes, workplaces, and other locations.

Career Cluster: Transportation, Distribution, and Logistics

Subjects:
- Computers/technology
- Safety
- Reading
- Geography

Schooling:
- Have a taxi or chauffeur’s license
- Have a driver’s license and a good driving record
- Complete short-term, on-the-job training

Where to Find Me:
- Taxi and limousine companies
- Shuttle Services
- Car rental companies
**Overview:** Teachers help children explore their interests and develop their talents. They help children build self-esteem and learn how to behave with others.

**Career Cluster:** Education and Training

**Subjects:**
- Math
- Reading and writing
- Computers/technology
- Social studies
- Science

**Schooling:**
- Have at least a bachelor's degree
- Complete a teacher education program and student teacher internship
- Pass a state licensing exam

**Where to Find Me:**
- Child day care
- Elementary, middle or high school
- Religious organizations

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**Overview:** Trash collectors collect garbage and transport it to dumps or landfills.

**Career Cluster:** Agriculture, Food, and Natural Resources

**Subjects:**
- Physical Education
- First Aid/Safety

**Schooling:**
- Complete short-term, on-the-job training

**Where to Find Me:**
- Local government agencies (sanitation department)
- Trash collection companies
- Waste treatment and disposal companies
**Overview:** Veterinarians treat animal health problems. They work to prevent, control, and cure animal diseases.

**Career Cluster:** Health Science

**Subjects:**
- Science
- Math
- Reading and Writing
- Computers/technology
- First Aid/Safety
- Health

**Schooling:**
- Complete at least two years of pre-veterinary study
- Graduate from veterinary medicine school
- Pass a state licensing exam

**Where to Find Me:**
- Veterinary hospitals and clinics

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**Overview:** Waiters and waitresses serve food in restaurants and other dining establishments.

**Career Cluster:** Hospitality and Tourism

**Subjects:**
- Physical Education
- Safety
- Health
- Reading and writing

**Schooling:**
- Complete short-term, on-the-job training

**Where to Find Me:**
- Full-service restaurants