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Careers for Kids Who Like[©]

Math

Accountant Accountants keep track of a company's money. Accountants and auditors work in offices. They generally work a standard 40-hour week, but some work 50 hours a week or more. Tax accountants often work long hours during the tax season, from January to April.

more information http://www.bls.gov/k12/html/mat_002.htm

Engineer Engineers use science and math to solve practical problems. They design machines, buildings, and highways. They also design bridges and subways. Sometimes they design ways of making products for business. And sometimes they even design robots! Engineers think about lots of things when they design a new product. Think about a robot, for example. Engineers will plan what the robot needs to do. They will test the parts of the robot. They will fit the parts together. And they will figure out whether the robot is working as they planned. here are many kinds of engineers. Some of them are chemical, civil, electrical, mechanical, and nuclear engineers.

more information http://www.bls.gov/k12/html/mat_001.htm

Architect Architects design houses and buildings. They plan offices and apartments. They design schools, churches, and airport terminals. The architect and client first discuss what the client wants. The architect sometimes helps decide if a project would work at all or if it would harm the environment. The architect then creates drawings and ideas for the client to review. Architects generally work in comfortable conditions. They spend most of their time in offices. However, they spend some time at building sites to see how projects are doing.

more information http://www.bls.gov/k12/html/mat_004.htm

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Math (page2)

Computer Scientist

Computer scientists design computers. They also find new uses for them. Computer scientists work in colleges and universities, in industry, and in government. Some work as part of a team. They design new computer parts and the software used by computers. Some computer scientists are researchers and inventors. They develop ways to use computer technology to solve complicated problems. Systems analysts figure out how new computer technology can help an organization. They spend a lot of time thinking about what a system does. Then, they decide on a design. They describe it so others can use it. They have to show that the new design will work and won't be too expensive. Those who design and maintain Internet sites are known as webmasters or Internet developers. Those who develop ways for computer systems to communicate with each other are called network systems and data communications analysts. Database administrators figure out ways to organize and store data.

more information

http://www.bls.gov/k12/html/mat_005.htm

Mechanic

Mechanics fix machines, equipment, and instruments. Aircraft mechanics fix engines and other equipment on aircraft. Auto mechanics fix car engines and other parts. Diesel mechanics fix engines in trucks and other heavy equipment. Other mechanics repair cameras, musical instruments, televisions, watches, medical equipment, bicycles, computers, security alarm systems, and other things. Some mechanics work on one type of machine, instrument, or equipment. Others work on many types.

more information

http://www.bls.gov/k12/html/mat_006.htm

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Music/The Arts

Musician

A musician musician may compose, arrange, and play music. This can be done either alone or as part of a group. Additionally, they sing in record studios and on stage. They also perform on television and in movies. Not all their work is performing for audiences. They also make records and CD's. All musicians spend a lot of time practicing and rehearsing. Many musicians find only part-time work or are unemployed between performances. They often work other jobs while waiting for their next performance. Musicians record songs and music videos in sound studios. They also appear "live" on radio and television.

more information

http://www.bls.gov/k12/html/mus_001.htm

Dancer

Dancers express ideas, stories, rhythm, and sound with their bodies. Some dance in ballet; others perform modern dance. Dancers work in musical shows, in folk, ethnic, tap, and jazz dances. Opera, musical comedy, television, movies, music videos, and commercials often include dancing as well. Many dancers sing and act, as well as dance. Dancers often work as a group. A few stars dance solo. Many dancers also teach or choreograph dances. Choreographers create new dances. They may also add changes to older dances. Some teach dancers to get the results they want.

more information

http://www.bls.gov/k12/html/mus_002.htm

Photographer

Photographers take pictures of people, places, or things. They want us to get a special feeling when we see their pictures. They take pictures to sell products, entertain people, report the news, or bring back memories. Photographers know how to choose the right tools to give them the best picture. They use different things such as lights, lenses, and film to create a picture. New digital technology is being used more and more by photographers. A lot of them use computers to finish their work.

more information

http://www.bls.gov/k12/html/mus_003.htm

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Music/The Arts (page2)

Curator Curators work in museums and other places with large collections. They care for and fix the items. They also look for items of value. They store or exhibit the new items with the rest of the objects. Some curators plan teaching programs. Curators also may do research on subjects covered in their collections. Most curators use computers in their work. The computers help to organize the collections.

more information http://www.bls.gov/k12/html/mus_004.htm

Disk Jockey Disk jockeys, sometimes called "deejays," put music on the radio. These announcers choose what songs are played and tell about them. They also talk about the news, sports, and weather. Sometimes they do commercials, talk with guests, and tell what's going on in the community. Disk jockeys most often work at radio stations.

more information http://www.bls.gov/k12/html/mus_006.htm

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Reading

Reporter Reporters gather information and write stories. The stories appear in newspapers and magazines or on television and radio. To get information, they look at documents, observe the scene, and interview people. Reporters write on events. These include such things as an accident, a rally, or a company going out of business. Radio and television reporters often report "live" from the scene. News correspondents work in large U.S. and foreign cities. They report on events in the city in which they work.

more information http://www.bls.gov/k12/html/red_001.htm

Teacher Kindergarten and elementary school teachers teach children to read, write, speak, do math, and much more. They use games, music, art, films, computers, and other tools to teach children basic skills. Kindergarten and elementary school teachers teach lessons and give tests. They listen to the children recite their lessons and make sure that no one misbehaves. They grade the children on their work and on how well they think the children ought to do. When the children are not doing as well as they should be, the teachers give them help.

more information http://www.bls.gov/k12/html/red_002.htm

Librarian Librarians help people find facts. They organize information and help people locate books and other items. Librarians choose and buy books and magazines. They arrange the books and magazines so that people can find them. Many librarians work in teams to get the job done. Some work in one subject such as art. Others read stories to children. Librarians work in schools and public libraries. They also work in special libraries, such as libraries at companies. Today, most libraries have computers as well as books and magazines. They also help people use the computer to find what they need.

more information http://www.bls.gov/k12/html/red_003.htm

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Reading (page2)

Secretary

Secretaries make appointments and put files in order. They also write letters and talk on the phone. They may also make travel plans. Secretaries use computers, fax machines, and copiers. A secretary must make sure that the information that leaves the office is right. Other people in the office rely on secretaries to keep things going well. Some secretaries are called executive secretaries or administrative assistants. These secretaries have more duties. Some make reports and train others. Other secretaries work in one field, such as medicine or law. Medical secretaries help doctors keep track of patients. Legal secretaries work with lawyers.

more information

http://www.bls.gov/k12/html/red_004.htm

Writers

Writers and editors write! Writers write stories, or they write about things that really happened. They write books, and they write articles for magazines or journals. They write for newspapers, and they write for radio and television. Editors tell writers what to write about. They also decide if what a writer has written is good or not so good. If it is not so good, they change the words to make it good. When a writer begins to write, he or she gathers information. The writer may get this information just by looking or by doing research at the library. Or the writer may interview someone. Writers write something, and then they change it. Then they change it again. They keep changing it until they feel they get it right.

more information

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Physical/Outdoors

Professional Athlete

Very athletic people might want to consider getting a job as a "pro" athlete. But they should know that very few athletes ever make it that far. It's a good idea, then, to have another job in mind as well. Professional athletes include baseball, football, and basketball players, tennis players, golfers, ice skaters, skiers, stock car drivers, rodeo riders: anyone playing a sport for money. Professional athletes play in front of an audience and get paid for it. Fans enjoy seeing these athletes play so much that they are willing to pay to watch. Professional athletes are performers or entertainers. In this way, they are a lot like actors and musicians.

more information

http://www.bls.gov/k12/html/gym_001.htm

Recreational Therapist

Recreational therapists help people who are sick or hurt get active again. They use sports, games, arts, crafts, and music to help patients build confidence and get back into life. These therapists are not the same as the recreation workers who conduct games and pastimes for fun. Recreational therapists find out what patients need. They do this by looking at medical records and talking to other staff. They also listen to the patients and their families. They then make up a program to help the person. For instance, they might help a right-handed girl who can't use her right arm any more to throw a ball with her left arm.

more information

http://www.bls.gov/k12/html/gym_002.htm

Carpenter

Carpenters build things like buildings and boats. They cut, fit, and join wood and other materials together. Carpenters who work for a special trade contractor do only one or two things, like forming molds for concrete or building a frame. A carpenter may also work for a general building contractor. This carpenter performs many tasks, including putting in doors and windows, hanging kitchen cabinets, and installing tile ceilings.

more information

http://www.bls.gov/k12/html/gym_006.htm

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Physical/Outdoors (page2)

Surveyor

Surveyors measure and draw what the earth's surface looks like. Do you know where your backyard ends and your neighbor's yard begins? Have you ever wondered how maps are created? These are some of many questions for a surveyor. There are several kinds of surveyors. Land surveyors: Measure land, air space, and water areas. They describe where a certain area of land is. Geodetic surveyors: Measure large areas of the earth's surface. Geophysical prospecting surveyors: Mark sites for exploration below the earth's surface, usually related to petroleum. Marine or hydrographic surveyors: Study harbors, rivers, and other bodies of water.

more information

http://www.bls.gov/k12/html/gym_005.htm

Zookeepers

Zookeepers prepare food, clean cages and check the behavior of animals. Sometimes they help study the animals they care for. They also answer questions from visitors about the animals. In large zoos, keepers may only take care of one kind of animal. In small zoos, keepers may care for many kinds. Zookeepers and many animal caretakers may work outdoors in all kinds of weather. Animals must eat every day, so caretakers and keepers must work on weekends; most work about 40 hours a week.

more information

http://www.bls.gov/k12/html/gym_004.htm

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Science

Chemist

Chemicals are a part of all physical things around us. Some chemists watch what happens when they mix two or more chemicals together. They explain what they might see, smell, or feel. From their research, they can create new products. Chemists can also improve products we already have and show us new ways to use them. Chemists and materials scientists find ways to make chemicals useful to us. They also try to improve things that people use daily, such as paint, medicine, and cosmetics, as well as cars and airplanes. Chemists also search for new chemicals in nature. They search for ways to save energy and reduce pollution. Their research on living things helps doctors, farmers, and food preparers do their jobs better.

more information

http://www.bls.gov/k12/html/sci_002.htm

Doctor

Physicians, or doctors, have an effect upon all our lives. When we are sick, they tell us what we have. They give us medicine and other kinds of treatment. They examine us and listen to us tell them how we feel. They tell us what is good for us to eat and how we can have better hygiene. They may be part of a team that works together for our health. Many doctors work long hours, at all times. Almost one-third of physicians worked 60 hours a week or more in 2000. Often, older doctors have fewer new patients and tend to work shorter hours. Physicians who are on call may have to go to the hospital when someone gets sick. Sometimes, doctors must travel between their offices and the hospital to care for their patients.

more information

http://www.bls.gov/k12/html/sci_003.htm

Nurse

Nurses take care of sick and injured people. They also help people stay well. They watch for the signs of being sick. Nurses then help doctors examine and treat patients. They give people medicine. Nurses tell people how to take care of themselves and their families. Hospital nurses or staff nurses are the largest group of nurses. Staff nurses provide real bedside care. Hospital nurses usually work in one area such as surgery or the ER.

more information

http://www.bls.gov/k12/html/sci_004.htm

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Science (page2)

Pilot Pilots fly airplanes and helicopters to do many jobs. Most pilots fly people and cargo from place to place. Some pilots test new planes, fight fires, do police work, or rescue people who are hurt or in danger. Before they take off, pilots plan their flight carefully. They check their plane to make sure that it is working properly. They also make sure that baggage or cargo has been loaded correctly. They check the weather forecast to see if they will run into any bad weather on their trip. They then decide what route they should take, and how high and fast they should fly.

more information http://www.bls.gov/k12/html/sci_005.htm

Computer Repair Computer repairers fix computers and machines such as printers and scanners. Business machine repairers fix such things as cash registers. Some repairers fix ATMs, which many people use instead of going inside their bank and dealing with a teller. Computer, automated teller, and office machine repairers take care of computers and other business machines. Repairers hook up the machines in offices, stores, and homes. At times, they check to see that the machines are running properly.

more information http://www.bls.gov/k12/html/sci_006.htm

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Social Studies

Lawyer

To be a good lawyer, a person must be good at finding legal facts in books and other places. He or she must also be able to speak and write well in order to pass those facts on to others. More and more lawyers are using computers to find the facts they use in their work. People and companies hire lawyers to tell them what they can and cannot do under the law. Sometimes, they hire lawyers to take their side in court against other people or companies, or against the government. Lawyers do most of their work in offices, law libraries, and courtrooms. They sometimes meet in clients' homes or places of business. When necessary, they may meet clients in hospitals or prisons.

more information

http://www.bls.gov/k12/html/soc_001.htm

Police Officer

Police and detectives enforce laws. They catch criminals. They collect evidence. At times they testify in court. Others patrol set areas to prevent crime. Some patrol and give out traffic tickets. Some police direct traffic. Most police wear uniforms. Detectives and special agents work in regular clothes. Most detectives are part of regular police forces. Special agents work for Federal and State agencies. They file reports about what they've done during the day. Most police work on foot or ride in cars. Some, however, ride horses, bikes, or motorcycles. Some work in boats on rivers and in harbors. Some police work with dogs.

more information

http://www.bls.gov/k12/html/soc_002.htm

Politician

Politicians run Federal, State, and local governments. They are the Nation's chief executives and legislators. They make and pass laws. These laws affect all of us. They get their jobs by being elected. You know some politicians. The President and Vice President of the United States are politicians. The governor of your State is also. So are your Senators and Representative in Congress. The mayor of your town is a politician. So is your elected school board member or county council member.

more information

http://www.bls.gov/k12/html/soc_003.htm

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Social Studies (page2)

Real Estate Agent

People who want to buy a house often ask a real estate agent to help them. Real estate agents help people buy and sell houses. They must be able to tell about how much money a house is worth. They need to know what the neighborhoods in their towns are like. They must know about the laws that have to do with owning a house. They also can tell home buyers where to get a loan if they need more money to buy a house. In return for selling a house, real estate agents get to keep a small part of the money that the buyer paid for it.

more information

http://www.bls.gov/k12/html/soc_004.htm

Urban Planner

City planners show the best way to use the land in cities and neighborhoods. They report on the best location for houses, stores, and parks. They try to solve a lot of problems. These include things such as too much traffic and increases in air pollution. Planners want to make sure that people can get to a bus or subway. They need to have an idea about where people should drive their cars and where they can park. Planners make new plans when more people move into a community. They might tell community leaders that they need new schools or roads.

more information

http://www.bls.gov/k12/html/soc_005.htm