

LITTLE EXPLORERS

WHEN I GROW UP

LIFT THE FLAPS
TO EXPLORE THE
WORLD OF WORK
INSIDE AND OUT!

VET



ARCHAEOLOGIST



BUILDER



POLICE OFFICER



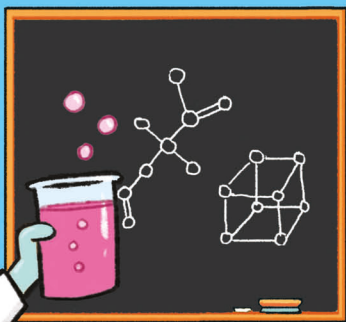
COSTUME DESIGNER



CAMERAPERSON



SCIENTIST



MORE THAN
30 FLAPS!

WHEN I GROW UP...

What do you want to be when you grow up? There are lots of exciting jobs to choose from, and thinking about the subjects you most enjoy at school is a good place to start.

Time for school!

Whether you're the head teacher running the school, the teaching assistant helping in the classroom or the cook creating tasty meals, there's a lot to be done on a busy school day!

Maths

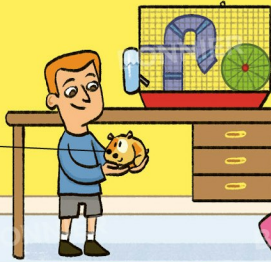
If you are good at maths and enjoy working out sums and number puzzles, you could put this to good work in lots of jobs!

P.E.

If you love being active and are full of energy, then a job playing sport might be for you!

Animal lover

If you like looking after the class pet, a job working with animals might be for you.



$1 \times 2 = 2$ Aa Bb Cc Dd Ee
 $2 \times 2 = 4$ Ff Gg Hh Ii Jj Kk
 $2 \times 3 = 6$ Ll Mm Nn Oo Pp
 $2 \times 4 = 8$ Qq Rr Ss Tt Uu
 $2 \times 5 = 10$ Vv Ww Xx Yy Zz



Teacher
Teaching assistant

Teach me!

Teachers plan fun and interesting lessons to help you understand all the new things you learn at school.



English

Do you like reading and writing stories? Good spelling and grammar are important skills to have wherever you work. Maybe you will write your own book one day!

Science

People who work in science discover facts about the world we live in, like how plants grow or how our bodies work.



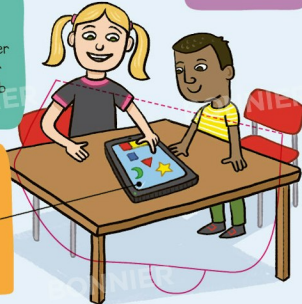
Art

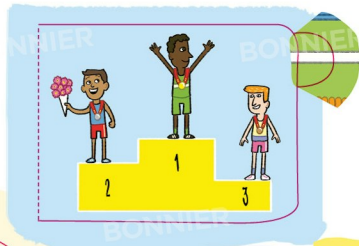
Are you full of creativity? Whether you draw, paint or design, there's a job just right for you.



Computing

Are you a whizz with technology? Most jobs use computers in some way.





With hard work and commitment, you could train to be a professional athlete. You may even win a gold medal for your country at the Olympic Games!

Different kinds of scientists study everything from the fish in the sea to the stars in the sky.

Accountants use maths to keep track of money for people. Did you know that astronauts and jet pilots also use maths in their jobs to plan their flight routes?

Keep practising art and you might find yourself drawing cartoons, illustrating books or painting portraits of famous people!

Why not learn to be a computer programmer and create a world-famous game?

BUSY BUILDERS

From the tallest skyscraper to the smallest house, every building was once a construction site like this one. A big team of people can be found working here, whether they're at a desk designing the building or outside laying the bricks.



Architect

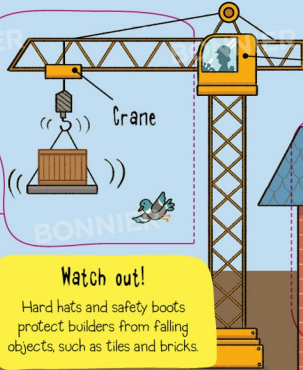
Project manager

A project manager is in charge on site. They hire the construction team and make sure everyone finishes their jobs on time.



Surveyor

Before construction begins, a surveyor finds out if the land is suitable to build on. They use special equipment to check if the ground is flat.

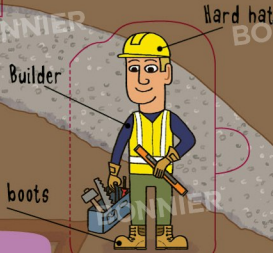


Crane driver

At the top of every crane is a crane driver. They operate the controls to lift heavy loads of bricks, sand and cement around the site.

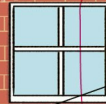
Watch out!

Hard hats and safety boots protect builders from falling objects, such as tiles and bricks.



Builder

What's going on inside?



Glazier

After cutting a piece of glass to fit the frame, a glazier uses suction cups to grip the heavy window and lift it into place.



Trowel

Pointer

Bricklaying

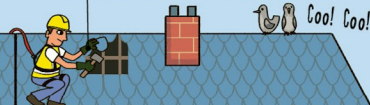
Bricklayers work together in a team. They lay every brick by hand to build a house from the ground to the roof. You need to be strong for this job!



Cement mixer

Don't look down!

A roofer works high up, fitting tiles to build a roof. A safety harness stops them from falling.

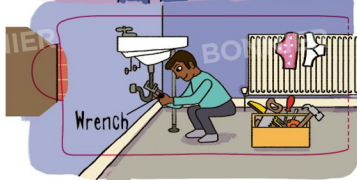
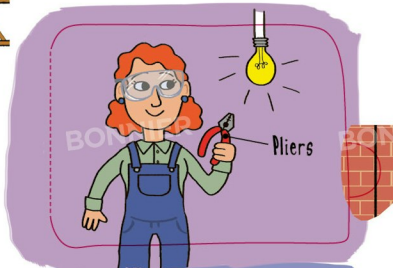
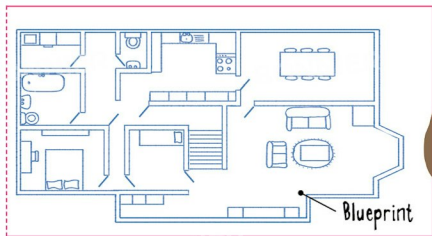


Cool! Cool!



Bigger driver

Diggers can only be driven by people who have been specially trained.



Interior designers decide how to decorate homes and offices. They select things such as paint colours, furniture and lights to make each room look stylish.

Electricians place the electrical wires in buildings, so that people can use electricity inside. They have to make sure the wires are connected safely, so that there's no danger of an electric shock!

Plumbers carry big tool boxes filled with tools such as pliers, wrenches and even saws! They use this special equipment to fit water pipes in buildings.

Although crane operators work very high above the ground, they have to be aware of what's happening beneath them too. They can't start lifting a load if anyone is below the crane!

Workers on construction sites wear brightly coloured high-vis jackets so they can be seen, even when it gets dark.

Architects make detailed drawings called blueprints, to show the plan for how a building will look. They also decide what materials the building should be made from and how to make it safe.

DOCTOR, DOCTOR!

From when you are born and as you grow up, there are lots of people who work to keep you healthy. If you need your teeth cleaned, your eyes checked or a broken arm fixed, these are some people you can visit...

What can you see?

An optician looks closely at your eyes to check if they are healthy. If you find it hard to see things up close or far away, an optician can help you get a pair of glasses.



Scalpel!

Surgeons perform operations on people to treat injuries or illnesses inside the body. Some, such as brain surgeons, are experts on certain body parts.

Open wide!

Dentists check, clean and repair your teeth using tools, such as brushes and tiny drills.



X-rays

Doctors who take X-ray photos to see inside a person's body are called radiologists. They use these X-ray photos to check for broken bones.

Aches and pains

If your body is aching or sore, a physiotherapist can help. They can give you special movements and exercises to do that will ease the pain.

What seems to be the problem?

When you don't feel well, you can visit a doctor at your local surgery. They know about all kinds of common illnesses and can give you medicine to make you feel better.



Doctor



Midwife

Midwife

Midwives look after women who are pregnant and care for them when they give birth to their babies.

It's an emergency!

You can call your country's emergency number if you have an accident. A paramedic will speed over in an ambulance and take you straight to the hospital.

Patient



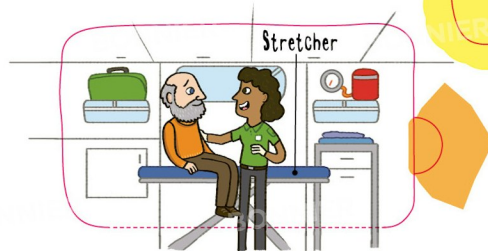
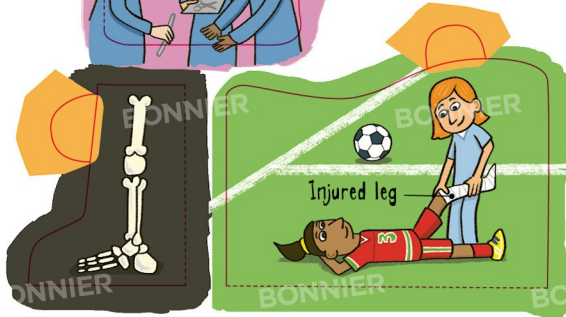
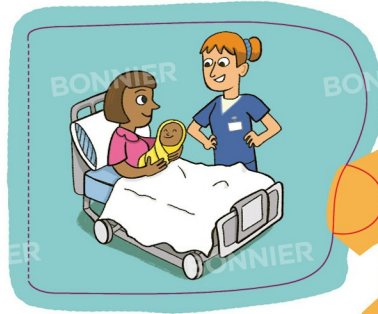
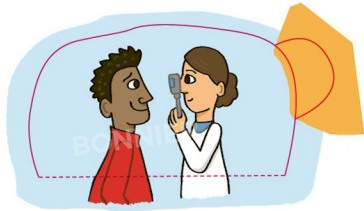
Nurse



Ambulance

Nurse

Nurses have lots to do! They take blood samples to check that you're healthy, give injections to stop you getting ill and look after you if you're unwell.



Many nurses work in hospitals. Here they help doctors care for patients 24 hours a day.

After a baby is born, a midwife visits the new mum at their home. The midwife makes sure the baby and mum are happy and healthy.

Paramedics may have to give first aid in all kinds of places, from a busy high street to the back of an ambulance. In this job, you have to stay calm under pressure!

Sometimes an optician will shine a small torch into your eyes. This is called a retinoscope, and it helps the optician look at the back of your eye.

A surgeon wears a mask, a cap and special clothes called scrubs to stop germs spreading when they operate.

Some physiotherapists help people who have been injured while playing sports. They use techniques such as massages and stretches to help these patients get better quickly.

There are 206 bones in the human body!

LIGHTS. CAMERA. ACTION!

Whether it's writing scripts, making music or designing costumes, there are lots of creative jobs on a film set! Let's meet the team of people working behind the scenes...



Musician

Take it from the top!

A musician may write and record music for films and TV shows, or perform in a famous band and tour the world!

Actor

Actors need to be confident and able to play different characters. They also need a good memory to remember their lines!



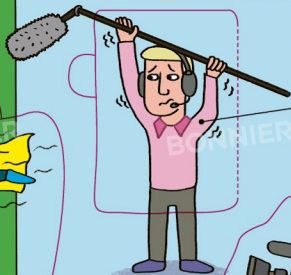
I can fly!

Green screen

Mind machine

Camera Crew

The camera crew film the action and make sure everything will be seen clearly on screen. A camera can sit on a cart called a dolly and be rolled along tracks to get a smooth moving shot of the action.



Silence, please!

It's the sound crew's job to make sure that the words and sounds in a film or TV show are clear and easy to hear.

Cameraperson



Lens

Dolly



Make-up artist

It can take hours for a make-up artist to turn an actor into an alien or a monster!

Action!

The director is in charge on the set and tells the actors and crew what to do.

Make-up kit



Director

Producer

The producer hires the cast and crew, checks that everything is running smoothly and on time and once the film is made, they help to make sure it's as successful as possible.



Costumes

Dress to impress

Costume designers read the script and do lots of research so they can design the best clothes and accessories for the actors.

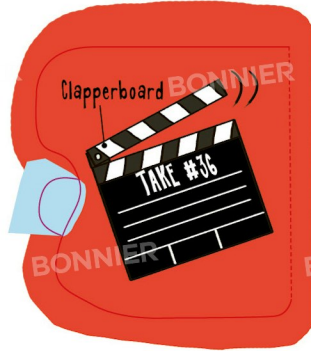
What's the story?

The stories and characters in films and TV shows are created by scriptwriters. Writers need to be imaginative to create entertaining storylines for their audiences.



Writer

Script



Lots of films are set in the past, so costume designers need to know about the history of fashion. Styles have changed a lot over hundreds of years!

With special effects make-up, an actor can be made to look just like a zombie! They can also be given fake injuries or scars.

When the camera crew are ready, the director yells 'Action!', the clapperboard is snapped shut and the acting begins. When the director shouts 'That's a wrap!', filming can stop and everyone can take a break. Phew!

This special microphone is on a long stick called a 'boom'. It's covered in a fluffy material that blocks out unwanted sounds, such as wind noise.

Before the days of TV and film, people went to the theatre to watch plays – and even the news! Theatre shows are still popular, but today people can watch films at the cinema or at home.

Many famous books have been turned into films. If you love writing and have lots of interesting story ideas, you could become an author like JK Rowling!

Have you ever seen incredible things on TV, such as a superhero flying or a gigantic explosion? These are special effects and they are created by SFX supervisors who use computers and special green screen technology to create these scenes.

ALL ABOUT FOOD

Most of the food that you eat has been grown and prepared by somebody else. From planting crops to creating delicious dishes, food lovers can choose from many different jobs to do when they grow up!

Food Critic

Food critics visit restaurants and try lots of different dishes. Then they write reviews describing all the foods they have tasted. You can't be a fussy eater in this job!



In the kitchen

A head chef is responsible for creating the menu and writing the recipes for a restaurant. Kitchens are hot and busy places, so chefs need to be good at keeping calm under pressure.



Customers Manager



Restaurant manager

Running a restaurant is a very busy job! The manager welcomes customers to their restaurant, checks that their food is served quickly and makes sure they want to come back!



Snack study

Food scientists study food to see how healthy it is and to check that it is safe to eat. They also discover and create new foods!

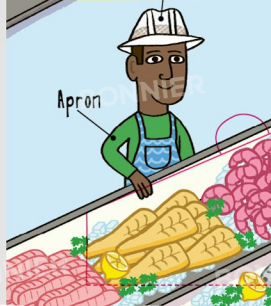
Butcher

Butchers prepare raw meat to sell to customers.



Fishmonger

Fishmongers sell fish and seafood. They place it on ice to keep it fresh, and display it nicely on the counter.



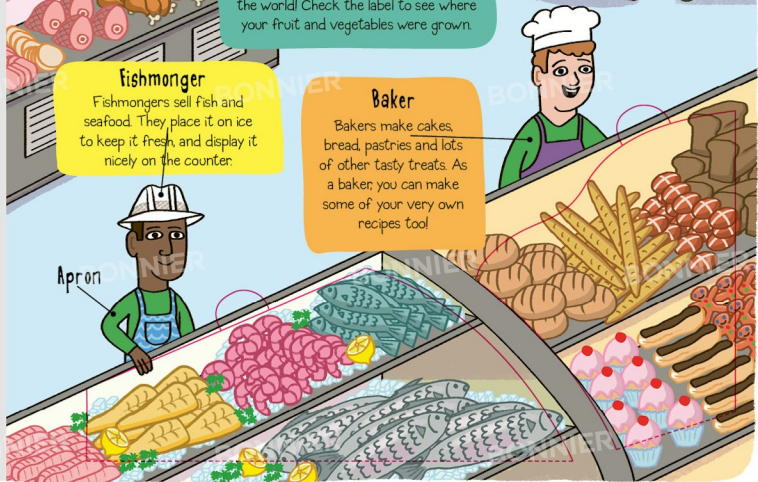
Fruit and vegetables

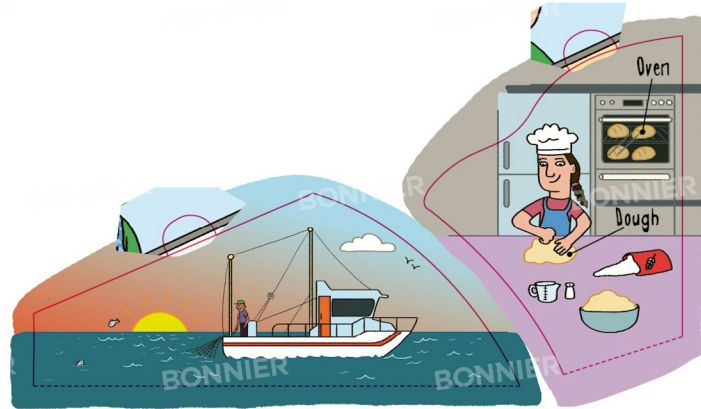
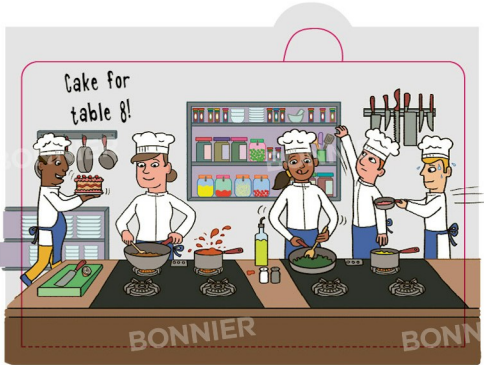
The food we buy comes from all over the world! Check the label to see where your fruit and vegetables were grown.



Baker

Bakers make cakes, bread, pastries and lots of other tasty treats. As a baker, you can make some of your very own recipes too!





Truck drivers collect large loads of food from farmers and deliver it safely to supermarkets to be sold

Farmers grow the fruit and vegetables that we buy at the shops. They work long hours, whatever the weather, to bring us fresh food.

If a food critic writes a good review of a restaurant and gives it a high rating, lots of people will want to visit!

To make bread bakers start by kneading (folding and pressing) the dough. Then they leave it in a warm place to rise before placing it in the oven to bake.

Fishermen catch fish from the sea, to be sold when they get back on land. They have to be very careful not to take too many fish from the ocean or disturb the other wildlife.

The head chef manages a team of chefs. They all work together in the kitchen, preparing and cooking the different dishes from the menu - without making customers wait too long!

WORK IN THE WILD

Some people have very exciting jobs working outside, where they explore and learn about nature. They have to be ready to work in all sorts of weather!

Peck!

Digging

Archaeologists use their knowledge of history to study the ancient objects they dig up from the ground!

Timber!

When a tree's branches are weak, a tree surgeon decides which ones to remove to make the tree healthier. You can't be afraid of heights in this job!

Wildlife photographer

Wildlife photographers camouflage themselves so they can stay hidden when trying to catch the perfect shot. This way, the animals don't even know they are there!

Botanist

Did you know there are around 400,000 known types of plants? It is a botanist's job to study plants and learn more about them.

Wild flowers

Brush

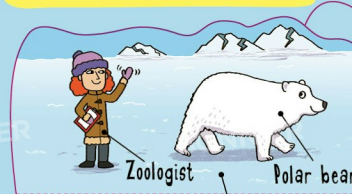
Trowel



Marine biologist

Under the sea

Marine biologists dive into the ocean to learn all about the animals and plants that live there.



Zoologist

Polar bear

Animal Conservation

Zoologists help to protect endangered animals by watching them in their natural habitats and studying their behaviour.



Vet

Vets in the wild

Wildlife vets can be called to lots of different places to help injured animals - zoos, sanctuaries and even out in the wild!

Animal sanctuaries

Wild animals are taken to sanctuaries if they need to be looked after. Sanctuary workers care for the animals and release them back into the wild when they are ready.



Orangutan

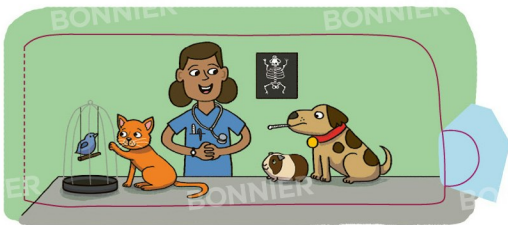
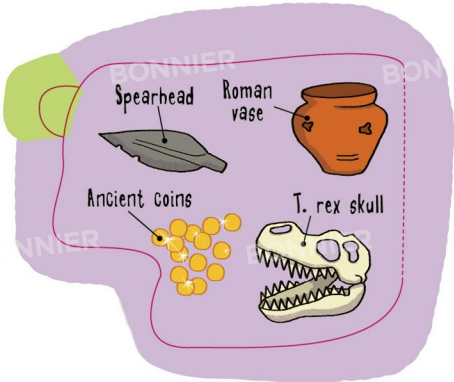
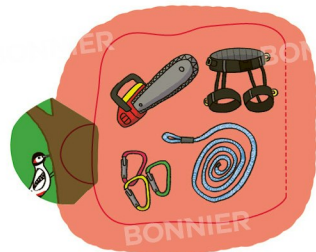
Yee haw!

Cowboys take care of their cattle and round them up when it's time to move to new land. The best way to keep up with the herd is on horseback!



Cattle

Cowboy



Sometimes marine biologists carefully collect plants or animals from the sea, making sure they don't damage the environment. They study them to learn about sea life and to help us understand how we can take better care of the ocean.

Tree surgeons use a strong rope and a special harness to climb trees. They sometimes use a chainsaw to cut off the unhealthy branches.

Some animals are nervous around humans and make themselves hard to spot. This means that wildlife photographers sometimes have to be very patient!

Zoologists monitor animals throughout their lives by tagging them with a small electronic tracker. This way they can make sure that they are healthy and interacting well with other animals.

Many ancient objects (artefacts) have been uncovered by archaeologists. These items can tell us who or what was around in different parts of the world throughout history.

If your pet is ill, you can take it to see a vet. This makes some animals feel scared, so vets need to be calm and gentle. They have to study lots of types of animal, so they can advise owners on how best to care for their pets.

LAW AND ORDER

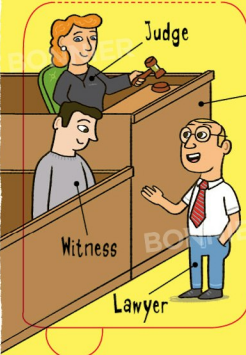
Jobs in law and crime-fighting are there to protect us. Let's use our detective skills to discover more about the people who work hard to keep the world safe...

The law

Laws are rules that everyone must follow. When laws are broken, experts in the law called lawyers give their advice. Sometimes they go to a court to argue a case, show evidence and speak to witnesses.

Police cars

Police officers may have to drive at high speed to get to an emergency quickly. Flashing lights and a loud siren on a police car warn people it's coming through!



Judge

Silence in Court!

In a courtroom, the judge listens to the arguments of a case, and makes a decision on the punishment using the law.

Witness

Lawyer

Lawyer



Close up!

Forensic scientists use equipment, such as microscopes, to study fingerprints and other evidence collected from crime scenes.

Smart uniform

Police officer



Uniform

A police officer's smart uniform makes them easy to recognise when they're patrolling the streets. It might also stop crime, by scaring away criminals who see them!

Catching criminals

Police officers have lots of training to learn how to protect themselves and others whilst fighting crime. They also need to stay fit and healthy for their action-packed days.



Suspect spotted!

Uh oh!

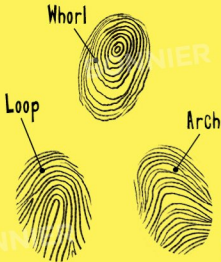
Identity

We all have unique fingerprints that are slightly different to everyone else's. Look at the three main patterns – which one matches up with your fingerprint?

Whorl

Loop

Arch



Microscope

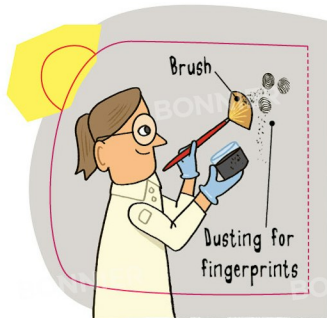
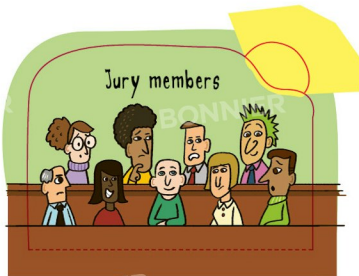
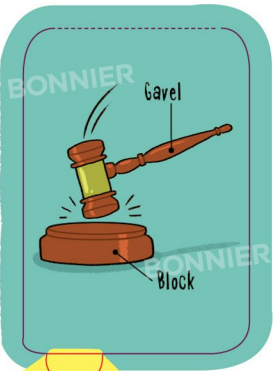


Sniffer dog

I smell a Crime!

Dogs are sometimes used to sniff out crime. They are trained to bark if they smell anything suspicious. The police officers who handle these dogs often live with them too!





As well as catching criminals, it's a police officer's duty to spend time in their local community and get to know the people there. Say hello to police officers if you see them on patrol!

It can take 13 weeks for a police dog and its handler to complete their training!

A police officer carries lots of useful equipment, handcuffs to secure a criminal, a walkie-talkie to speak to other officers, and body armour for extra protection.

Forensic scientists brush special dusting powder on to surfaces to reveal fingerprints at a crime scene. Fingerprints can help the police identify who the criminal is!

Sometimes a group of people called a jury join the court to listen to the case. They help the judge to decide if someone has committed a crime.

Sometimes a judge will hit a gavel (a wooden mallet) on a block if the courtroom becomes too noisy. This is a signal for everyone to be quiet. A judge might also shout 'Order in the court!'

GO, GO, GO!

As technology gets better and better we are able to travel faster and in more ways than ever before! Hop on board and let's explore some of the jobs you could do while travelling by air, land or sea.

Land ahoy!

The crew working on a cruise ship get to travel all over the world! From chefs to lifeguards to entertainers, a huge team of people on these ships are there to look after the passengers on board.



Mechanic

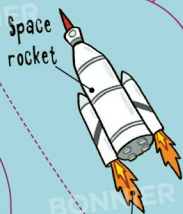
Mechanics fix vehicles and make sure they are safe to drive.

Firefighter

As well as putting out fires, firefighters may also be called to help people and animals caught in sticky situations!

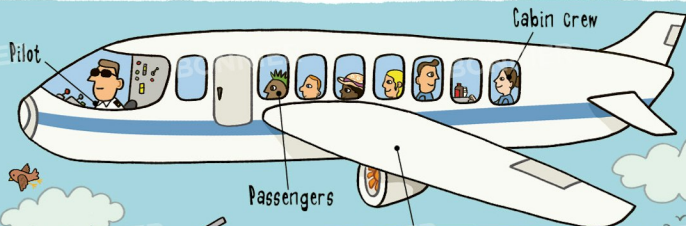


firefighter



Lift off!

Astronauts travel into space in powerful rockets. Most astronauts visit the International Space Station, where they carry out experiments and research.



In the air!

Aeroplanes are flown by pilots. A pilot needs to have had 1500 hours of practice before they're allowed to fly with passengers! There's also a team of cabin crew on board, who make sure passengers are comfortable and enjoying the flight.



Coastguard

Jobs with the coastguard involve saving people who are in trouble at sea, by rescue boat or helicopter.



And on your left...

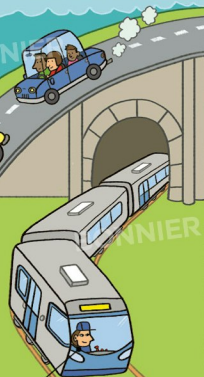
Tour guides tell all about the place they are visiting. They need to know lots of historical facts about the area.

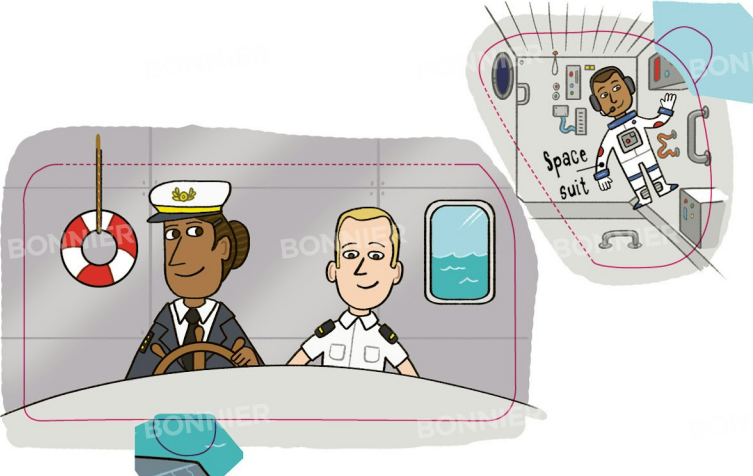


Taxi driver



Train driver





Astronauts wear special suits in space that supply oxygen for them to breathe and protect them from the extreme conditions!

Whether you're on a tiny sailboat or a huge cruise ship, the captain is always in charge! They steer the ship and organise the crew. Aye, aye, Captain!

If you see a fire, you should call the emergency number straight away! Firefighters will speed to the rescue in fire engines and use powerful water hoses to put out the flames.