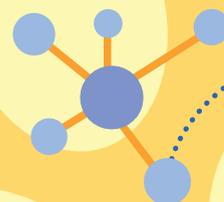




FIND OUT WHAT YOU COULD BE WHEN YOU GROW UP!



The Wonderful World of Jobs

Pavla Hanáčková, Hana Mokořová,
Helena Haraštová & Elena Pokaleva

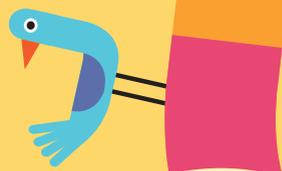
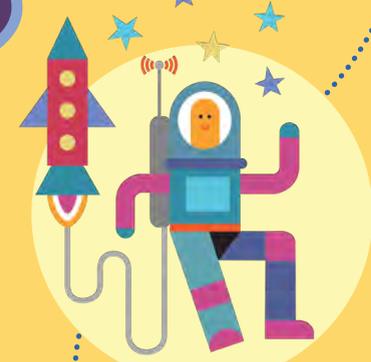


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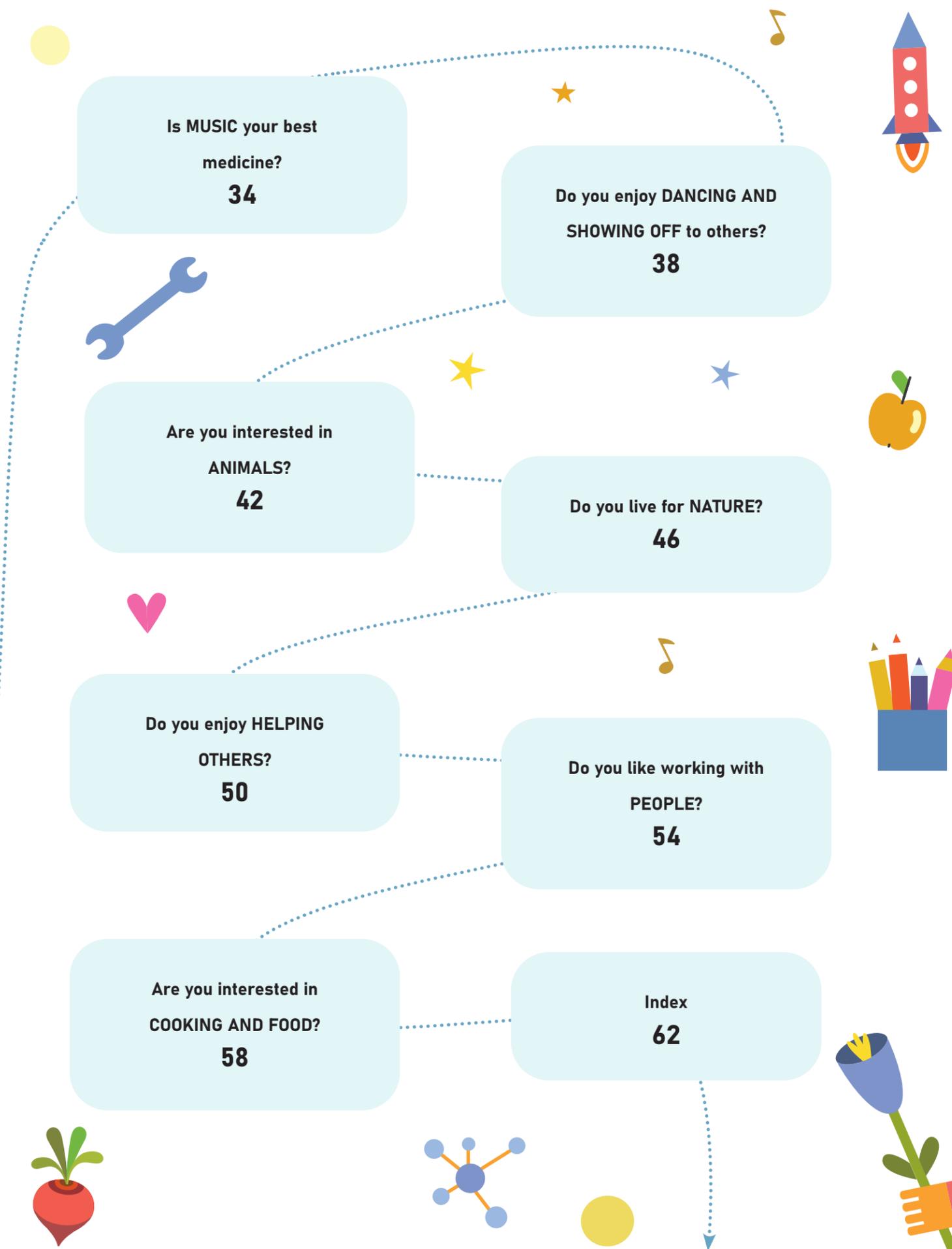
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1. Introduction

HOBBIES

We all have hobbies. Some of us like sport. Some of us read books. Some of us enjoy singing. In short, everyone is interested in something. What one person finds boring can be loads of fun for another. Which is great. In many cases, our hobbies influence what we choose to do when we grow up.



TOIL AND DRUDGERY

If you really enjoy something, it is worth putting your heart and soul into it. Doing your best to make wishes come true can be pretty tough, however. Vets, for instance, must know every little thing about animals' bodies. They must study a lot to be ready for every demand of the job. But when they cure an animal patient, they feel on top of the world!



FOLLOWING A DREAM

It can happen that a grown-up stops enjoying their work. As humans are inquisitive and quick to learn, they are forever finding new hobbies. It is not unusual for an office clerk to realize their dream of opening a stall selling delicious ice cream. Indeed, this ice cream may be better than that of a trained ice-cream-maker who works only for the money.

A HOBBY BROADENS YOUR OPTIONS

A person with a liking for music may not be a talented singer. This doesn't mean that they should give up on this interest. There are lots of occupations connected with music, and this person may excel in some of them. They might compose songs for other singers. They might become a sound engineer, whose work allows the audience to enjoy a concert to the maximum. All occupations contribute to the whole; all of us play a role in bringing joy to others.



A DREAM JOB

What would you like to be when you grow up? Everyone gets asked this question. Many children dream of becoming a teacher, an actor, a doctor, a firefighter, a police officer or an astronaut. Come with us and find out what interesting, even fascinating, jobs you can do if you enjoy ...





2. Are you interested in **COMPUTERS**?

Are you creative, and do you favour a screen and a mouse over a canvas?



Do you understand computing, and can you help others solve their computer problems?



Do you like programming?
Are ones and zeroes your friends?

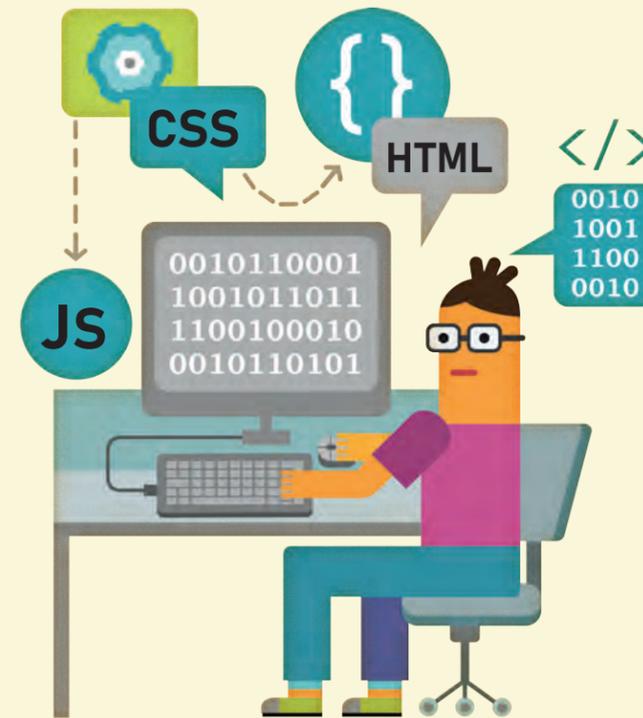
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WHAT YOU MAY ACCOMPLISH:

- creating a fun computer game
- editing music for a blockbuster movie
- inspiring others
- modelling landscapes filled with cliffs and chasms
- protecting others against attacks from scammers



PROGRAMMER

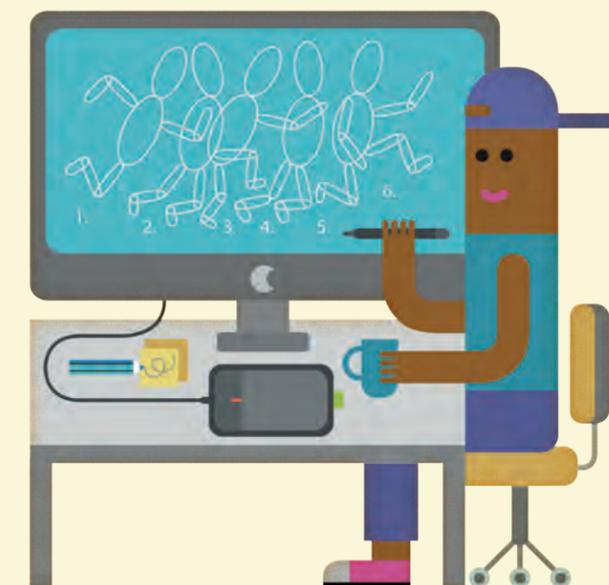
A programmer is responsible for various programs and applications. They create these using the code of a given programming language. Commissioned by clients, they work on projects, which they devise, modify and test.

INFORMATION SYSTEMS TECHNICIAN

This technician has a perfect understanding of computers and how they work. They work in a team that takes care of the set-up, security and repair of companies' technology and internet service. People come to them for help whenever there is something wrong with their computer. Sometimes they give advice over the phone; sometimes they visit the customer.



HAVE YOU TRIED TURNING IT OFF AND ON AGAIN?



COMPUTER ANIMATOR

A computer animator uses a computer to make drawn figures, objects and text move, so that in the finished film they appear to be moving on their own. Some animators create all figures and objects in advance. Others work with objects provided by a director or art director.



WEB DESIGNER

A web designer designs attractive, clear, functional websites for companies and individuals.

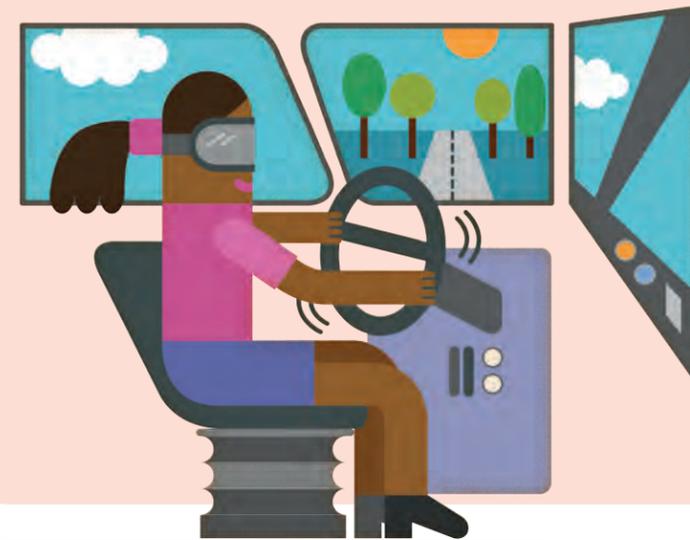
CYBER SECURITY SPECIALIST

Like a soldier, they protect us against our enemies, using computers and their knowledge of programming instead of weapons.



DIGITAL TERRAIN MODELLER

As commissioned by a client, a terrain modeller creates a digital environment that provides a safe space for training and interventions on unsafe terrain.



APP DEVELOPER

They devise and create new applications for mobile phones and computers.

GAME DEVELOPER

A game developer designs new computer games.

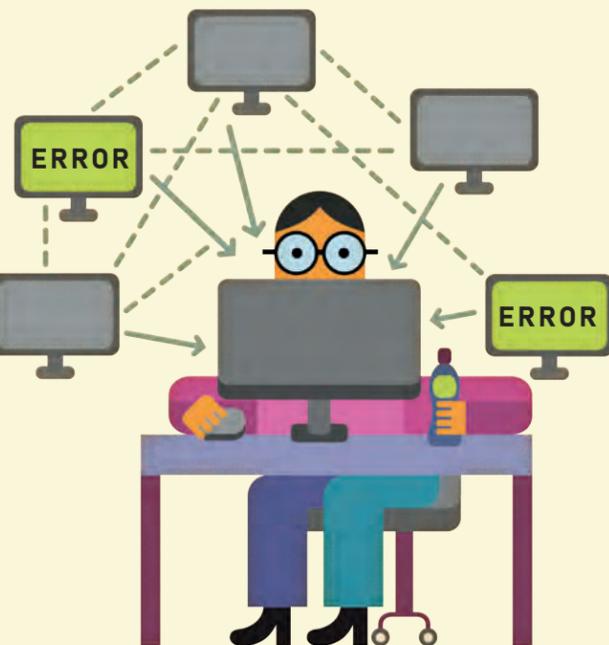
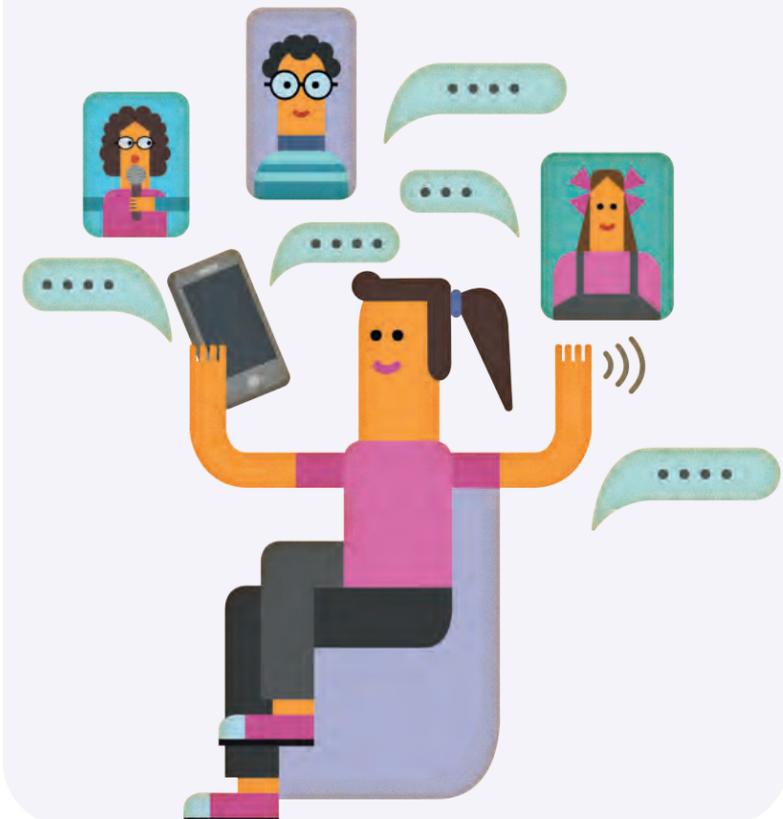


SOUND DESIGNER

They use their ear for music to put together all the music and sounds for a film or theatrical production.

INFLUENCER

They inspire others by the photos, videos, opinions and comments they publish on social media.



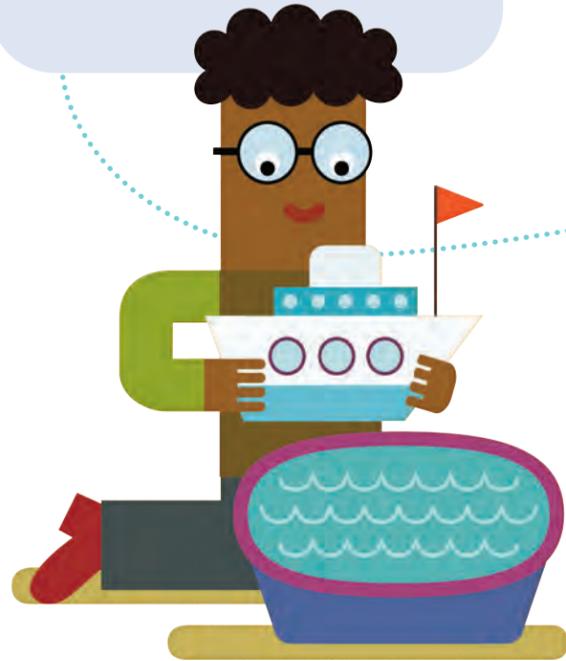
NETWORK ADMINISTRATOR

They are responsible for the operation and intercommunication of all computers in a company or institution.



3. Do you enjoy CARS, AEROPLANES and other MACHINES?

Do you like playing with toys that move and go?



Do you stay cool under pressure?

WHAT YOU MAY ACCOMPLISH:

- repairing a broken-down car
- designing and building a dancing robot
- playing a part in the victory of your favourite racing team
- building roads and whole towns
- helping others choose the car that suits them best

Do you like to travel far away?



PILOT

A pilot flies an aeroplane, helicopter or other flying machine. Before they reach the cockpit, however, they must pass some very difficult exams. Not only do pilots know all about planes, but they know about physics, engineering and navigation, too. A pilot must have perfect mental fitness.



SHIP'S CAPTAIN

A ship's captain leads the crew of a ship or submarine and bears full responsibility for its safe navigation. As well as being an expert navigator and weather forecaster, they know a lot about international law – because no one may roam the endless seas without respecting laws.



ENGINE DRIVER

An engine driver is rather like the captain of a train. They delight in driving their train (it may be a metro train) to the best of their abilities, alert to whatever may happen. They keep a close eye on the track ahead, checking it for dangers.



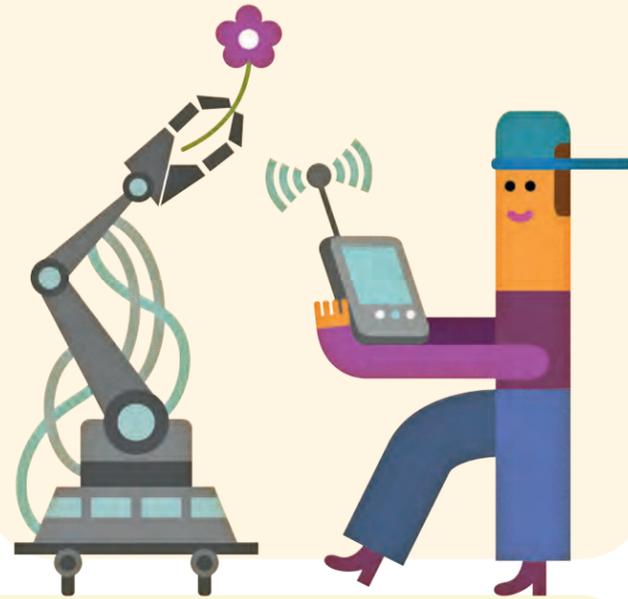


MECHANIC

A mechanic repairs and adjusts technical components of machines small and large.

ROBOTICS ENGINEER

They ensure the proper operation and maintenance of robotic stations on factory production lines.



AIR TRAFFIC CONTROLLER

At an airport, they provide pilots with instructions, so ensuring smooth and safe operations on the runway and in the air.

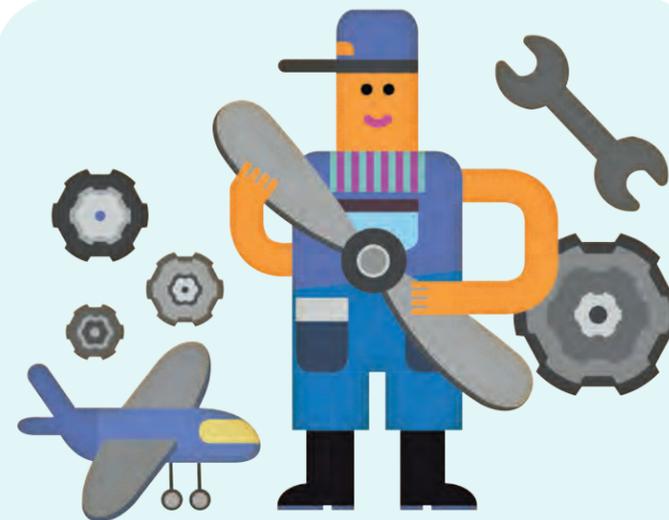
VEHICLE DESIGNER

They apply their imagination and eye for beauty to the design of new vehicles.



CAR DEALER

A car dealer knows so much about different models of car that they can advise buyers on which is exactly the right one for them.

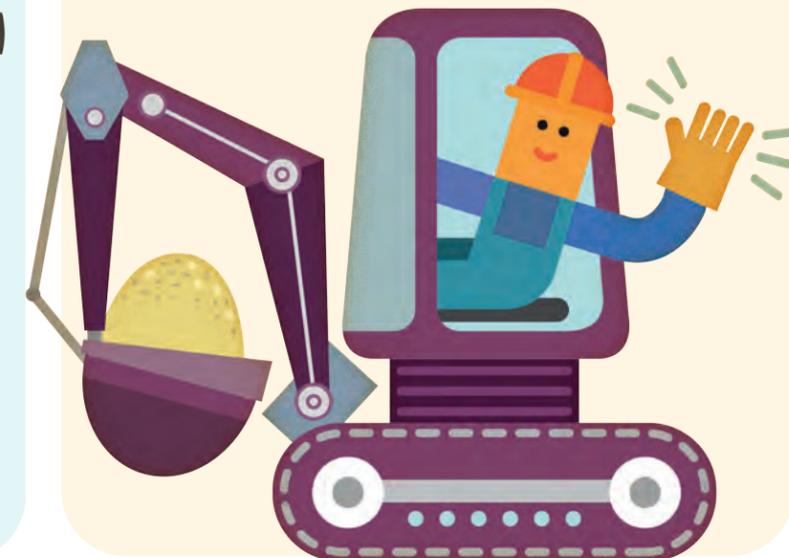


AIRCRAFT MECHANIC

They work at an airport, making sure that all aeroplanes and helicopters are in good working order.

DIGGER OPERATOR

They operate a digger on a building site. Along with other construction workers, they make new roads, parks, swimming pools, even whole streets.



MAINTENANCE MECHANIC ON A RALLY TEAM

They look after the repair and maintenance of racing cars, travelling the world with the drivers.



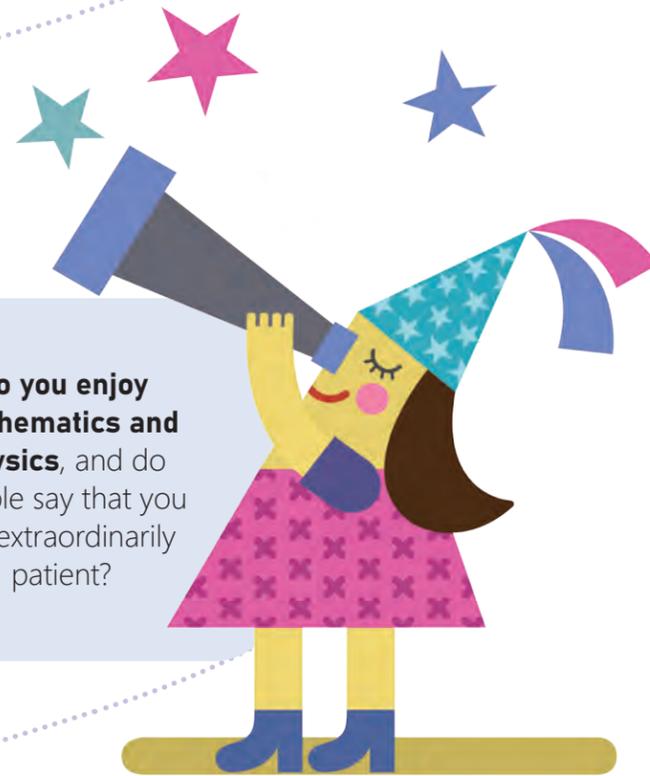


4. Are you interested in SPACE?

Would you like to do what no one has done before you?



Do you enjoy mathematics and physics, and do people say that you are extraordinarily patient?



Do you imagine launching your model toys for real?

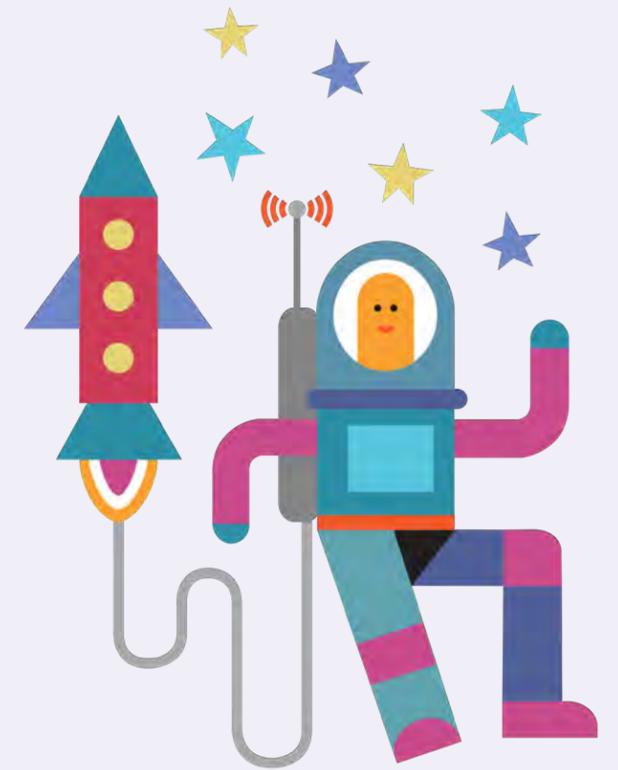


WHAT YOU MAY ACCOMPLISH:

- discovering life in space
- making a space mission happen
- getting youngsters interested in science
- making a rocket comfortable for astronauts
- ensuring that telephones and the internet are working on Earth

ASTRONAUT

Before joining a space expedition, an astronaut must complete a difficult training programme. They must be brave and level-headed, and they must know how to handle technical difficulties during their solitary mission. For this, they must know several world languages and a lot about engineering. Among the stars and the planets, an astronaut represents all humanity.



ASTRONOMER

An astronomer explores space and cosmic bodies without leaving Earth. They use state-of-the-art technology to see to unimaginable distances, and even into the history of the world as they watch the evolution of space! What's more, they can predict the future of our planet on the basis of scientific research.



ROCKET SCIENTIST

They design and build space rockets for real. They know a lot about physics and mechanics. They are happy to test new approaches and materials to ensure that each state-of-the-art rocket is reliable and safe.





ASTRONAUTS' CHEF

They provide astronauts on a space mission with a healthy, balanced diet.

ASTROBIOLOGIST

They search the universe for hitherto unknown life forms.

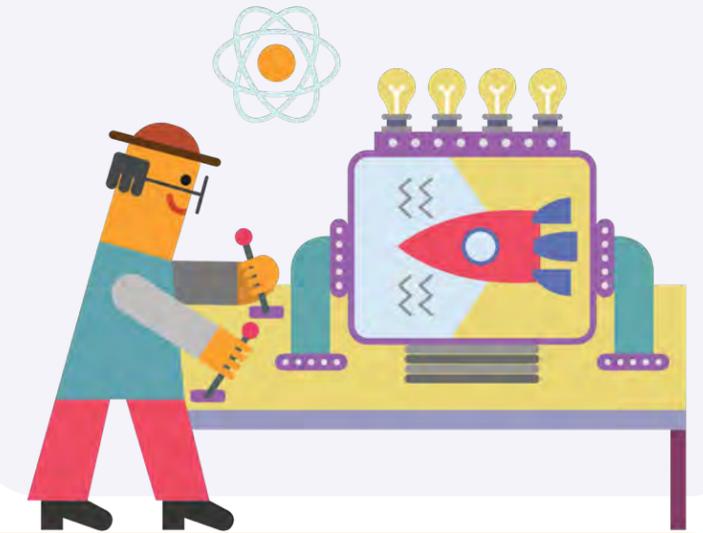


PLANET SEEKER

Using telescopes with the highest precision, they search for hitherto undiscovered planets.

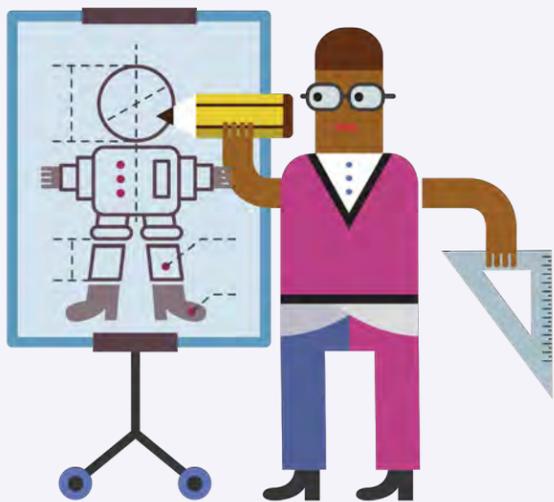
ROCKET TECHNOLOGIST

They test and inspect real and model rockets to make sure they are safe to undertake a space mission.



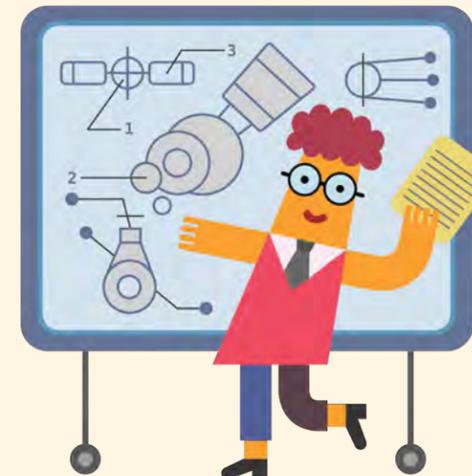
SPACESUIT DESIGNER

They make constant improvements to spacesuits, so ensuring the comfort and safety of courageous astronauts.



SPACE POPULARIZER

They work at a planetarium, astronomical observatory or museum, enthusiastically passing on their deep knowledge of the universe to the institution's visitors.



SATELLITE DESIGNER

A satellite designer devises artificial satellites that are placed in Earth orbit to help people communicate, forecast the weather, navigate, explore space and spy on enemy states.

SPACE COMMAND CENTRE STAFF

One of a team of experts that manages a space mission and communicates live with the rocket's crew.





5. Do you enjoy EXPLORING THE WORLD?



Do you love trying to **solve challenging puzzles**?

Do you often get carried away by **exploring adventures** and are you happy to get covered in sand or mud as you explore?



Do you want to **figure out** what animate and inanimate objects are made of?



WHAT YOU MAY ACCOMPLISH:

- digging up dinosaur bones
- testing new medicines
- working for a healthy future for our planet
- figuring out the mysteries of heredity
- calculating how many births there will be in the next ten years



ARCHAEOLOGIST

An adventurer, they search for historical artefacts, most of which are buried deep in the ground. They conduct research leading to discovery of old buildings, objects, and human and animal skeletons. As they explore our history, many archaeologists travel around the world. They may get to explore the pyramids of Egypt or tombs of the Aztecs. Items they find are kept in museums and safes.



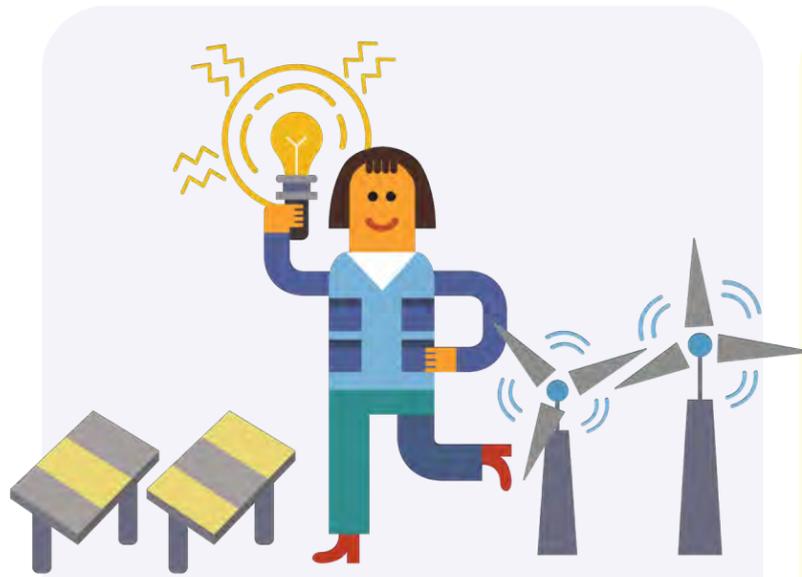
CHEMIST

They understand the world as compounds of atoms, molecules, and minute particles that give all things their characteristic properties. In a laboratory, they conduct experiments and observations by which they find out ever more about chemical substances. Their knowledge can be applied in many fields, most notably medicine, engineering and biology, but also in bookbinding and the textiles industry.

FORENSICS OFFICER

A member of the criminal investigations police, they document a crime scene and look for clues. With their professional equipment they take detailed shots that may lead the investigators to the perpetrator.





RENEWABLE ENERGIES SPECIALIST

They dedicate their life to the search for sources of energy that do not burden the environment or harm our planet.

PHARMACOLOGIST

They study the effects of natural drugs and drugs produced in a laboratory.

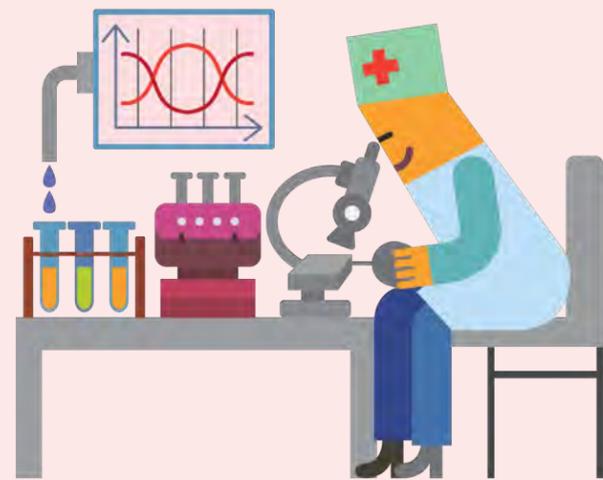


HISTORIAN

They spend their life in meticulous study of historical sources, so revealing as much as possible about human history and learning how history has influenced the present.

PALAEONTOLOGIST

A palaeontologist studies fossils, which tell us about life on Earth millions of years ago.

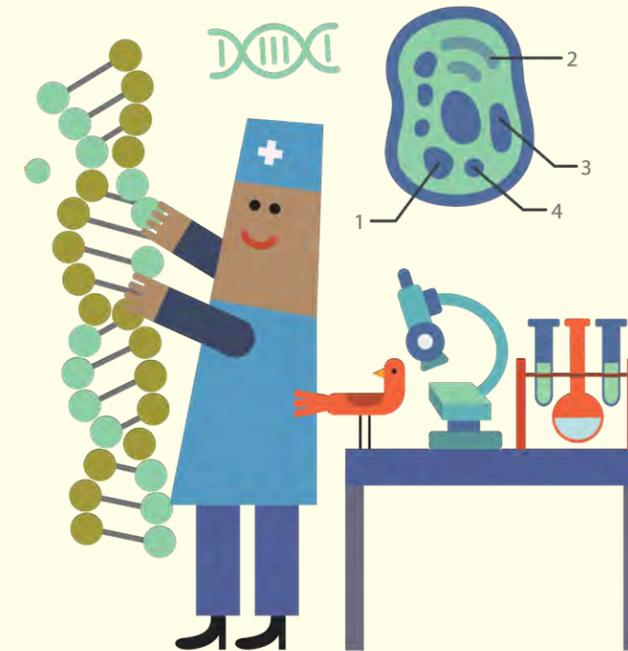


MEDICAL LABORATORY TECHNICIAN

They examine samples of biological materials under a microscope and then analyse them. They determine the condition of a patient's health in consultation with a doctor.

OCEANOGRAPHER

This daredevil dives to the ocean deep to explore marine life and the history of the seas.

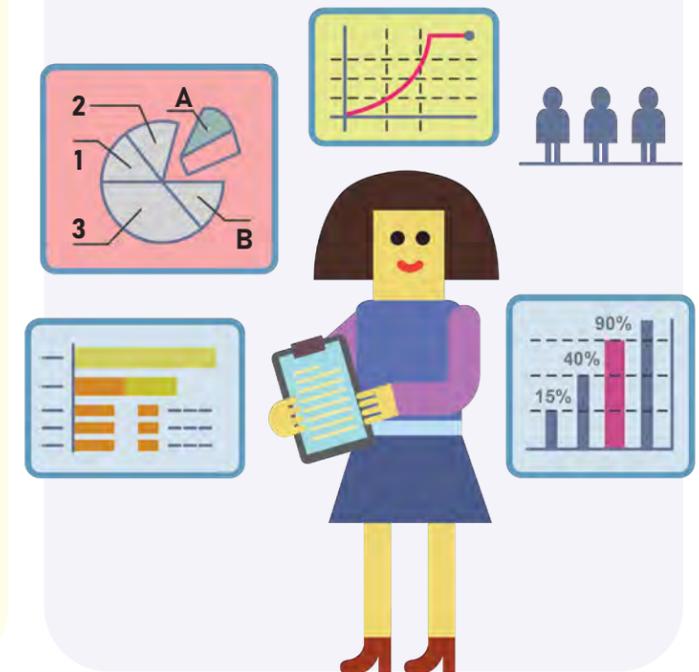


GENETICIST

Through a microscope they explore human, animal and plant genes, which carry information about the characteristics and origins of a species.

STATISTICIAN

A statistician analyses data with mathematical precision, applying logic to derive facts and information.





6. Do you adore BOOKS?

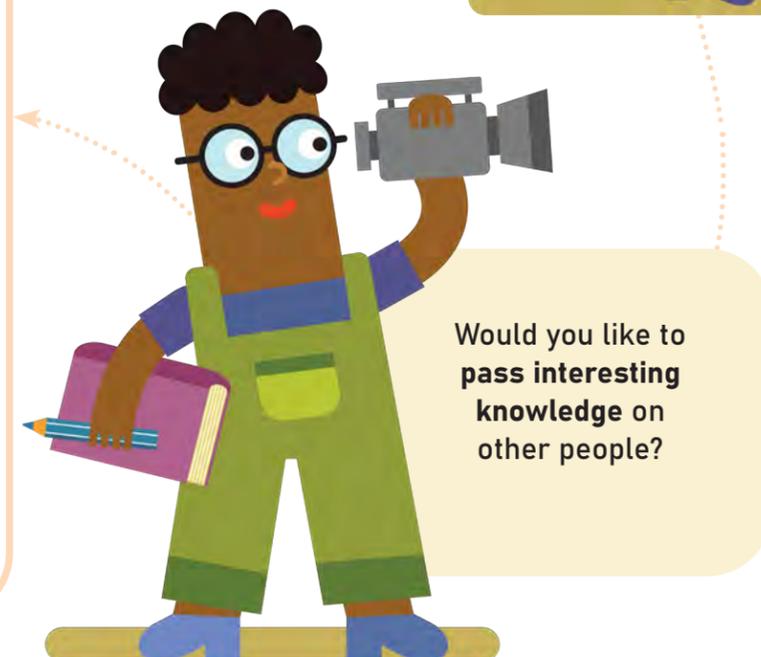


Is the **smell of new books** your favourite scent?

- WHAT YOU MAY ACCOMPLISH:**
- using books to make complex scientific themes easy for others to understand
 - thinking up the next blockbuster movie
 - bringing the very young to a love of books
 - convincing users of your website that it is great to adopt from an animal shelter
 - inventing witty slogans that bring a smile to people's faces



Is your head filled with thoughts and original ideas?



Would you like to **pass interesting knowledge** on other people?



WRITER

A writer has a vivid imagination and a way with words. Many writers produce stories or educational materials. Some prefer to write poems or plays for the theatre. Successful writers travel the world giving readings from their books and having discussions with other writers and/or their readers.

BOOKSELLER

A bookseller has channelled their passion for reading into their profession. They must choose carefully which titles to order from publishers for their shop, where stock is sorted on the shelves by category. The best books tend to be displayed in the window. Some booksellers hold events at which well-known writers meet their readers or at which new books are discussed.



JOURNALIST

A journalist is able to write readable, engaging and convincing articles based on what is going on in politics, society and culture. Some journalists write about sport. People turn to such articles to find out about something or to understand it in greater depth. Often, a journalist must acquire information in person and on the spot, by interviewing politicians and experts. This is no work for shy people!





LIBRARIAN

A librarian sorts and otherwise looks after books in a public library. They issue these books to readers who wish to borrow them. The library also holds cultural events.

EDITOR

A creative person with a feel for language, they are in charge of the whole process by which a new book gets made. They cooperate with the illustrator, the graphic artist and the author, and also with the production and publicity departments.



BLOGGER

Bloggers write about their experiences, opinions and discoveries on websites or social media, which are available to all for a small fee or even for free.

GREETING CARD WRITER

They come up with imaginative, witty, pleasing words in beautiful script for inclusion in different kinds of decorative greeting cards.



SCREENWRITER

A screenwriter comes up with stories, situations and spoken dialogue for use in films and TV series.



COPYWRITER

A copywriter's head is filled with original ideas. They write the words used in advertisements and promotional materials, which must appeal to as many people as possible.



TRANSLATOR

A translator has such a good command of languages that they can translate books and articles from one language to another. Not only is the result identical in content to the original, but it is just as readable and engaging.

PROOFREADER

A proofreader detects and corrects the sneakiest errors of spelling, grammar and style in a text.





7. Do you enjoy **DRAWING AND MAKING THINGS?**

Do you have an eye for beauty, and do you like to advise your friends on what to wear?



WHAT YOU MAY ACCOMPLISH:

- restoring battered, broken cupboards so that they are as good as new
- making the bride into the loveliest woman under the sun
- becoming the author of the next hit comic-book series, whose heroes save the world
- ensuring that a new book looks and reads good and will attract readers
- turning writing into art

Are you better at expressing yourself in **colours and brushstrokes** than in words?



Do you have lots of **original ideas**?



PAINTER

A painter is a master of art. The works of art they create include paintings and frescoes. They move freely between artistic techniques, using a variety of tools, depending on what they wish to express. A painter often begins their process by making small sketches to try out ideas; only the best of these will be worked up into the final image. People will then admire their work in galleries, and also in the street and in books.

VISAGISTE

A visagiste works in films, in the theatre, or behind the scenes at a concert hall. Their job is to transform performers so that they appear exactly as their role demands. Using special cosmetics, dyes, hairpieces and other aids, they can change actors' hair and skin colour as well as their apparent age. They can even turn them into fairy-tale creatures and animals!



DESIGNER

A designer must have a vivid imagination. Part of their design work is the creation of new forms for a great variety of objects. Some of these objects are decorative, others are practical. Designers are involved in the making of new furniture, décor and fittings on public transport, and they are also active in virtual reality. The designer plays an important role in companies that offer an original range of products.





RESTORER

A restorer uses a great variety of techniques to restore old art objects, paintings, furniture, even whole buildings.

ILLUSTRATOR

An Illustrator works closely with the author of a book, creating pictures that complement the book's plot perfectly.



TATTOO ARTIST

Using tools with sharp points, tattoo artists draw pictures on people's skin, usually following a design of their own selected to reflect the customer's interests and wishes.

COMICS ARTIST

A comics artist combines imagination, artistic talent and a feel for good writing to produce exciting stories in the form of comics.



CALLIGRAPHER

A calligrapher is a master of beautiful handwriting for the creation of text and inscriptions for books, greeting cards, invitations and posters. Sometimes they even create new fonts.

BOOK DESIGNER

A book designer is responsible for a book's appearance. It should be attractive and pleasing to the reader, and it should reflect the book's textual content.



MAKE-UP ARTIST

They put make-up on actors for TV, film and live performances. They also make up brides, models and anyone who wishes to emphasize their best features.

SCENOGRAPHER

A scenographer is in charge of design and realization of costumes and scenery for theatrical productions.





8. Do you enjoy to EXPRESS YOUR CREATIVITY?

Do willing friends-volunteers provide you with entertainment as you try your own artistic creations?



Do you let your imagination run wild?



Can you tell which colours and shapes go well together?



WHAT YOU MAY ACCOMPLISH:

- eternalizing important moments in the history with your camera
- ensuring that the latest book by a respected writer reaches its readership
- making a pirates' treasure chest
- designing the dress that a future queen will wear at her wedding
- drawing up plans for development of a neglected area of the city

HAIRDRESSER

A hairdresser has an eye for beauty which they put to practical use by cutting and styling hair. They know which colours, shapes and styles will suit each individual; they can tell who will shine with an eccentric play of hair colours and who looks best with a simple cut in a single shade. Some hairdressers enter competitions to show off their art.



JEWELLER

Using high-precision tools, a jeweller designs and makes soulful objects that add beauty to the wearer – no easy matter! A jeweller's workshop can be operational for generations. Whether they work with metal, wood, stone or plastic, a jeweller must have an eye for fine detail.

FLOWER ARRANGER

They see flowers as objects of beauty from which works of art can be made. They produce beautiful bouquets for weddings, graduation ceremonies and other special occasions. Their arrangements will animate and brighten up any surface or space.





The Wonderful World of Jobs

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Helena Haraštová
Illustrator: © Elena Pokaleva
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Have you ever tried counting how many occupations there are? An impossible task, isn't it? This inexhaustible choice is a great thing, as it allows everyone to find the right job. Whether your interests lie in computers, dance, music, history, maths, transport, space or the ocean deep, you can find a use for them in adulthood – by building your work around them! Come with us to learn about little-known occupations that move today's world. As you discover what the people who do them need to know and what they love about their work, you may also learn how to make your own dream come true!

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