

Week Two Science

You are all currently learning about different scientific things at school, but do you know about all the weird and wonderful topics you could learn about at university?

Scientists are needed in lots of important jobs, and at university you can learn to become an expert in one area of science.

Can you work out which type of science goes with the correct description below? Do you know all the different things you can study or research in science?

1.Branch of Earth Science that studies the ocean.

2.The study of everything in outer space.

3.The study of plant life.

4.Study of the atmosphere, including weather.

5.The study of the rocks which make up Earth and the processes by which they change.

7.The study of the relationships that living things have with each other and their environment.

6.The study of life and living things.

9.The application of knowledge from science to design, construction, machines etc.

10.The study of matter and its motion through spacetime, along with ideas such as energy and force.

8.Sciences related to the planet Earth.

11.The study of the animal kingdom.

12.The study of matter and the change it undergoes.

13.The study of the interaction of food in relation to living things.

14.The study of human movement.

- A. Physics
- B. Chemistry
- C. Earth Science
- D. Ecology
- E. Oceanography
- F. Geology
- G. Meteorology
- H. Astronomy
- I. Biology
- J. Zoology
- K. Botany
- L. Nutrition
- M. Sports and Exercise Science
- N. Engineering

Is that really research?

Researchers in Science choose questions they're really interested in and try to find out the answers.

Can you work out which of these research topics were real or not?

Write True or False next to these possible areas of research:

Which can jump higher - the dog flea or the cat flea?

Do woodpeckers get headaches?

Why do we get belly button fluff?

Why is banana peel slippery?

Can rubber ducks help track ocean currents?

What do you think the answers to these questions are? How do you think we could find out the answers?

We will find out the answers by watching this week's video!

IN YOUR OWN TIME:

If you were a researcher in Science, what question would you like to research? List some ideas below!

Draw yourself as a scientist researching your favourite question. Be as creative as you can!

When you have finished, we would love to read your work! Send us a picture or a copy on our website <https://bit.ly/TheBigExploration!>