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Unit 1 SCIENCE

- What is Science?
- · Branches of Science
- Word Formation

What is Science?

- 1. What do the following words mean? Match them with their definitions science a science scientific scientist
- the study of the nature and behaviour of natural things and the knowledge obtained about them
- a particular area of scientific knowledge and study, or the study of an area of a human behaviour
- describes things that relate to science
- someone who works in science
- 2. What is the difference between 'science' and 'a science'?

Branches of Science

1. Which branches of science study each of these areas?

environment living things

human mind and behaviour matter and forces

language money, industry and trade

numbers, quantities and shapes celestial objects

people, society and culture water

substances and their reactions rocks and soil

weather society and social behaviour

political systems

2. What is the difference between economy and economics?

3. Can biology be further subdivided?
4. Put the branches of science into the following 4 main groups.
 I. Mathematics and logic not based on experimental testing but they can be considered a part of science because they are essential tools in almost all scientific study.
II. Physical science - examines the nature of the universe
III. Life science - also called biological sciences or biology, the study of living organisms
IV. Social sciences - deal with the individuals, groups and institutions that make up human society.
5. Where would you put e.g. history, literature, religion, philosophy?
6. What is the main difference between sciences and humanities? 7. How do we call the scientists who specialise in the following fields of study? How are the names of formed?

anthropology

chemistry

ecology

psychology

linguistics	meteorology
biology	sociology
physics	political science
economy	mathematics
astronomy	
history	
philosophy	
theology	
Word Formation	s in brackets with suitable SUFFIXES to complete the sentences.
-er, -or, -ing, -ion, -	ness, -ity
THE PARTY OF THE PROPERTY OF THE PARTY.	(boil) is a closed vessel in which water or other fluid is heated.
2.	(compress) is the reduction in size of data in order to save space or
transmission time.	
3. In chemistry, the	(dense) of many substances is compared to
the(d	ense) of water.
4.	(transmit) is the act of passing something on.
	(hard) is the characteristic of a solid material expressing its resistance to
permanent deformation	
6. Combustion process	is also called (heat).

It can be _____ (use) to write a summary of your argument first.

-ful, -less, -ous, -al, -ive