

Description Students do a science quiz

Lesson link Use this activity after 4f, page 95

Time 30 minutes

Extra material Print out and photocopy the *Science quiz* worksheet for each group of three or four students

Instructions

- If your students enjoyed the science questions on page 93, here are some more. The quiz has 20 questions, four in each of the areas of science focused on in the Vocabulary and Pronunciation section – chemistry, biology, physics, genetics, and geology.
- Divide your class into teams of three or four, and make it a competitive activity. Either pre-teach vocabulary, or deal with it as it comes up.
- Give each team a copy of the quiz. The teams could do the whole quiz in one go, or they could do it section by section, with you giving the answers and updating the team scores after each section.

Answers

- salt
- oxygen
- hydrogen
- Ag (Au is gold, S is sulphur, Si is silicon)
- 1859
- beetles (more than 300,000 species)
- 22 months
- 9,000 years (a spruce tree in Sweden)
- water
- 340 metres
- 85°C
- 1921
- a sheep
- 95%
- peas
- 21,000
- Indonesia (150 volcanoes)
- 50,000,000 years ago (the impact formed the Himalayas)
- Australia
- 65 kg

Science Quiz



Chemistry

- What is NaCl (sodium chloride)?
chalk sugar coal salt
- Which is the most abundant element on earth?
oxygen iron nitrogen carbon
- Which of the following is not a greenhouse gas?
ozone carbon dioxide hydrogen methane
- What is the chemical symbol for silver?
Au Ag S Si

Biology

- When was Darwin's *The Origin of Species* published?
1809 1859 1909 1959
- Which type of insect has the largest number of different species?
flies ants beetles moths
- How long is an elephant pregnancy?
10 months 16 months 22 months 28 months
- How old is the oldest tree in the world?
90 years 900 years 9,000 years 90,000 years

Physics

- Which is the best conductor of electricity?
wood air water rubber
- How far does sound travel through air in one second?
340 metres 1,340 metres
2,340 metres 3,340 metres
- What's the boiling point of water at 5,000 metres above sea level?
100°C 95°C 90°C 85°C
- In which year did Einstein win the Nobel Prize for Physics?
1821 1871 1921 1971

Genetics

- What was the first mammal to be cloned?
a sheep a rabbit a dog a monkey
- How much working DNA do humans and mice share?
5% 35% 65% 95%
- What plant did Gregor Mendel use in his experiments on inheritance?
carrots tomatoes peas potatoes
- How many genes does a person have?
46 21,000 100,000 31,000,000,000

Geology

- Which country has the most volcanoes?
Russia Ecuador Italy Indonesia
- When did India collide with Asia?
50,000 years ago 500,000 years ago
5,000,000 years ago 50,000,000 years ago
- Which country has most of the world's uranium reserves?
the USA Australia Nigeria China
- How much did the largest ever gold nugget weigh?
65 g 65 kg 650 kg 6.5 tonnes