

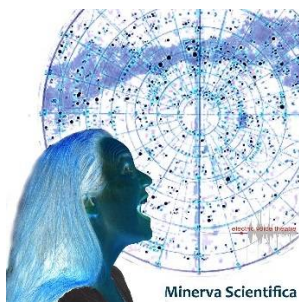
British Science Week 2016



Level one quiz answers

Find out other ways to get involved with
[British Science Week 2016](#)





Round one
Science and the performing
arts



Questions set by
[Electric Voice Theatre](#)

1. "She Sells Sea Shells on the Sea Shore" is a rhyme about Mary Anning who collected the remains of prehistoric sea creatures on the sea shore. What are these remains called:

Fossils (B)

2. Lady Ada Lovelace was mathematician in the 19th Century and is said to have written the first programme for a machine. When was the first electronic digital computer invented?

1935 (B)

3. When a singer sings, sounds travels through the air in waves. Which of these will sound also travel through?

All of them (D)

4. In 1952 Rosalind Franklin and Raymond Gosling took photo 51 of deoxyribonucleic acid which is found in all your cells. Which three letter are used to name it?

DNA (B)

5. A composer called Karen Wimhurst wrote a piece of music for us to sing about the entomologist Miriam Rothschild. What does an **entomologist** study? (clue, the word comes from the Greek *entomo* for insect)

Fleas (B) & Butterflies (D)

Round two
Science and history

Questions set by
[Historical Association](#)



1. The Great Fire of London quickly destroyed a lot of the city? Why did the fire spread so fast?

(Dry) Wooden houses and strong wind

Bonus question: what was the heat source that started the Great Fire of London?

A fire in a bakery (on Pudding Lane)

2. Florence Nightingale saved the lives of many soldiers during the Crimean War in the 1850s by cleaning the hospitals and making nurses wash their hands. why does washing your hands with soap prevent the spread of disease?

Soap removes and kills disease-causing bugs/microbes from hands.

3. The Bronze Age started about 3000BCE and the Iron Age started about 1000BCE? Which one is the oldest?

The Bronze Age

4. Before Egyptians buried their dead they embalmed them to preserve the bodies. What did they stuff the body with?

Salt (B)

Bonus question: What did using this do to the body to preserve it?

Salt dried the body by absorbing/removing water

5. What did Tim Berners Lee invent? (Clue: it's the most widely used thing on the planet to send messages and find information)

The Internet/World Wide Web



**Round three
Science and dance**

Questions set by
[One Dance UK](#)



1. What make a dancer's body move to perform jumps, twist, turn spins etc.?

Muscles (C)

2. Dancing is a very active profession. Which of the following types of food would a dancer eat to give them a lot of energy?

Pasta (A)

3. When a dancer exercises their pulse increases. What is the pulse measuring?

Their heart (beat)

4. Dancers do warm-up exercises and stretching before a performance or practice session? Which parts of their body do they stretch

All of them (D)

5. Balance is very important to dancers. Which part of our body other than our eyes, plays a big part in helping us keep balance?

Ears (B)

**Round four
Science and geography**

Questions set by
[Geographical Association](#)



1. The River Thames begins near the town of Cirencester. Which major city in Britain does the River Thames flow through?

London

2. Match the living thing to the environments:

Cactus Desert

Whale Ocean

Polar bear Arctic

3. To get to the base of Mount Everest climbers have to walk up a large ice flow. What are these large ice flows called?

Glaciers (A)

4. When water from the sea evaporates what does it form in the sky?

Clouds

5. Which of these can make the ground shake violently and can make big destructive waves

Earthquake (B) & volcanoes (D)

Round five
Science and sport

Questions set by
[Youth Sport Trust](http://www.youthsporttrust.org)



The 2016 Olympics and Paralympics will take place in Rio de Janeiro in Brazil. Science is what gives our athletes a competitive edge – How will you do in our sport science quiz?

1. Tom Daley is one of Britain's Olympic divers. Match the things below to what they are made from

Swimming trunks

Material/cloth

Swimming pool

Cement

Diving board

Aluminium

2. In 1968 Dick Fosby did the "Fosby Flop" in which sport? (clue: which of these might you flop in?)

High jump (A)

3. Which athletics event is made up of **seven** separate sports?

Heptathlon (C)

4. The Olympics and Paralympics are held every four years. In what year will the next Olympics will be held?

2020

5. Can you order the following Men's Olympics throwing objects from lightest to heaviest.

Lightest: Discuss, 800g

Javelin, 2kg

Heaviest: Shot putt, 7.2 kg