

We Wonder Quiz - KS2



Round 1: Space

- Who was the first astronaut to step foot on the moon?
 - Neil Armstrong
 - Barney Harwood
 - Buzz Aldrin
- Why do astronauts wear spacesuits?
 - Because they look cool
 - Because they keep them safe and able to breathe
 - Because they are comfortable
- What Is the Smallest Planet in our Solar System?
 - Mercury
 - Jupiter
 - Earth
- You can still see footprints on the moon that were left by the astronauts who landed there.
 - True
 - False

There is no wind on the moon, so all the footprints will last forever.
- In 2006 what planet was downgraded to a dwarf planet?
 - Neptune
 - Pluto
 - The Moon
- What star does earth orbit?
 - The Moon
 - The Sun
 - Alpha Centurai A
- What was the name of the space flight that first landed humans on the moon?
 - The Starship Enterprise
 - Apollo 11
 - The Millennium Falcon
 - Sputnik
- What medal was Katherine Johnson, American NASA Space Scientist, awarded in 2015?
 - Royal Crown Medal for Contributions to Science
 - The Spartypants Medal for outstanding Mathematics
 - The Presidential Medal of Freedom for her pioneering legacy
- There are real-life scientists working on plans to visit Mars, and maybe even live there. When are they hoping that humans will make their first trip?
 - In the next two years
 - In the next ten years
 - In the next 100 years

NASA are developing technologies that could mean humans could visit Mars as early as the 2030s- that's just ten years from now!
- How long would it take humans to fly to Mars?
 - 7 days
 - 7 months
 - 7 years



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Round 2: Construction

1. The company Turner & Townsend built the Shard in London, which is the tallest building in the UK. If you stacked up double decker buses, how many would you need to reach the top of the Shard?
- a. 51
 - b. 63
 - c. 94

2. How long is the longest bridge in the world?
- a. 102.4 miles
 - b. 2km
 - c. 200m

The longest bridge is the Danyang-Kunshan Grand Bridge in China, which is part of the railway that runs from Beijing to Shanghai. The bridge, which opened in June 2011, spans 102.4 miles (165 kilometers).

3. Concrete can set underwater.
- a. True
 - b. False
4. How long did it take to construct the Big Ben tower in London?
- a. 13 years
 - b. 10 years
 - c. 6 years
5. What material is picked up by magnets?
- a. Metal
 - b. Rubber
 - c. Wood

6. How long did it take to build the Eiffel Tower in Paris, France?
- a. 5 years, 6 months and 3 days
 - b. 2 years, 2 months and 5 days
 - c. 1 year, 8 months and 3 days
7. The tallest land based crane has been nicknamed 'Big Carl'. How tall is it?
- a. 100m
 - b. 200m
 - c. 250m
8. What is an architect's job?
- a. To lay roadworks
 - b. To build planes
 - c. To plan and design buildings
9. What skills to you need to be an engineer?
- a. Maths
 - b. Science
 - c. Teamwork
 - d. Coding and computers
 - e. Creativity
- All of the above!
10. What is the tallest building in the world?
- a. The Blackpool Tower in England
 - b. The Burj Khalifa in Dubai
 - c. The Eiffel Tower in France

With a total height of 830 meters (just over half a mile), and more than 160 stories high, the Burj Khalifa is the tallest building (and structure!) in the world.



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Round 3: The Environment and Sustainability

1. Which way of getting to school is best for the environment?
- a. Bike
 - b. Car
 - c. Bus
 - d. Underground Metro or Tube

2. Which two of the below are renewable or 'green' sources of energy?
- a. Solar power
 - b. Petrol
 - c. Wind power
 - d. Coal

3. Roughly, what portion of the UK's electricity is produced from renewable sources?
- a. A quarter
 - b. A third
 - c. A half
 - d. Three quarters

In 2019 it went up to 37%, which is more than a third (33%), but less than a half (50%).

4. Who started the School Strike for Climate?
- a. Malala Yousafzai
 - b. Greta Thunberg
 - c. Boris Johnson

5. Which uses less water, washing a full load of dishes by hand or in the dishwasher?
- a. By hand
 - b. Dishwasher

6. What is the main cause of climate change?
- a. Natural changes in the Earth's temperature
 - b. The Sun
 - c. Humans
7. How long does polystyrene (like a coffee cup or burger carton) take to biodegrade?
- a. 10 years
 - b. 250 years
 - c. 500 years
8. Which of these can you not recycle?
- a. Paper
 - b. Pens
 - c. Glass
9. What uses the most water?
- a. Leaving the tap on while you brush your teeth
 - b. Having a shower
 - c. Having a bath
10. What can you do to help stop climate change?
- a. Drink from a reusable water bottle
 - b. Write to your local MP
 - c. Take reusable bags to the supermarket rather than plastic ones
 - d. Cycle or walk to school

All of the above! Every little helps, and it's important to make sure the government and big businesses are doing their bit too.

