

# Activity: Multiple choice quiz – questions & answers

**1** How many pieces of plastic does the average person in the UK throw away each year?

- A: 700
- B: 4,000
- C: 6,000

**Answer: B.** The average person throws out over 4,000 pieces of plastic a year. That's so much plastic isn't it? If we piled up all the plastic from everyone in the UK, it would create a plastic mountain as high as Snowdon, the highest mountain in Wales.

**2** So, how many times do you think all that plastic would fill Wembley Stadium?

- A: 3 times
- B: 8 times
- C: 23 times

**Answer: C.** It's enough plastic to fill Wembley Stadium 23 times.

**3** How many times would it fill The Royal Albert Hall in London?

- A: 20 times
- B: 450 times
- C: 1,000 times

**Answer: C.** It's enough plastic to fill the Royal Albert Hall 1,000 times.

**4** What percentage of plastic is recycled globally?

- A: 51%
- B: 27%
- C: 9%

**Answer: C.** Only 9% of plastic around the world is recycled, leaving 91% being sent to landfill, illegally burned, incinerated, or polluted in the environment.

**5** Waste disposal globally contributes to what percentage of carbon emissions?

- A: 1%
- B: 3%
- C: 5%

**Answer: C.** Waste disposal globally contributes to 5% of global emissions. This number includes the emissions from recycling, landfills, incineration, burning waste, and pollution in the environment.

**6** What percentage of extreme weather events were influenced by humans in the last 20 years?

- A: 41%
- B: 68%
- C: 76%

**Answer: B.** Human activity has led to 68% of all extreme weather events in the last 20 years. The number of these events has more than doubled since 2000. This includes floods, heavy rainfall, droughts, wildfires and heatwaves.

**7** What is the biggest source of greenhouse gas emissions?

- A: Transport
- B: Home and business emissions (heating, cooking, waste management etc)
- C: Power generation (electricity)

**Answer: C.** Power generation is the biggest source of greenhouse gas emissions in the world. In Europe, energy industries contribute 26.9% of all greenhouse gas emissions. Transport accounts for 24.3% and home and businesses make up 14.9% of all emissions.

**8** In 2018, the IPCC (Intergovernmental Panel on Climate Change) reported that a global temperature rise could lead to irreversible consequences for the climate. How many degrees did they say we must stay under to avoid this?

- A: 1.5°C
- B: 3°C
- C: 6°C

**Answer: A.** The IPCC have warned that a global temperature rise of just 1.5°C could lead to irreversible environmental impacts. Although it seems like a small number, it can nevertheless have a huge impact. We're currently on course for a 3°C temperature rise, so staying below 1.5°C will require fast changes to how we live both individually and collectively.