



# UK weather and climate quiz



# Icebreaker quiz

## Weather and climate change in the UK

1. What is weather?
2. What types of severe weather do we get in the UK?
3. What was the coldest recorded temperature in the UK? What was the hottest?
  - Answers in Celsius, you get 5 degrees on either side
  - Bonus points if you can say where it was and which decade it was in!
4. What is climate change?
5. What kinds of things do scientists predict will happen in the UK as a result of climate change?

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## Answers

### 1. What is weather?

The behaviour of our atmosphere. There are lots of different types of weather including rain, snow, wind, frost, fog and sunshine.

### 2. What types of severe weather do we get in the UK?

Heatwaves and cold spells, rain leading to flooding, thunderstorms, strong winds, snow, lightning, ice and fog are all types of severe weather that we experience in the UK.

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## Answers

3. What was the coldest recorded temperature in the UK?

-27.2 °C in Braemar (East Scotland) on 10th January 1982.

4. What was the hottest recorded temperature in the UK?

38.7 °C in Cambridge University Botanic Garden on 25 July 2019.

5. What is climate change?

Climate change is a large-scale, long-term shift in Earth's weather patterns, leading to increasing temperatures, rising sea levels and changes in nature.

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## Answers

6. What kinds of things do scientists predict will happen in the UK as a result of climate change?

- Average temperatures in the UK will continue to rise
- Summers will become hotter and drier, while winters will be warmer and wetter, with very cold winters less common
- It is likely we will experience more severe weather events like flooding, droughts and heatwaves
- Sea levels will rise

# Create an action plan for your local community

Think about:

- Which parts of the UK are at risk of this type of weather?
- What are the risks? What can be done to manage them?
- Who do weather warnings apply to?
- Why is receiving weather information and warnings important?
- What technology and techniques can we use to understand weather-related risks?
- What can be done to adapt and mitigate the risks involved?
- Who's involved in helping manage and mitigate the risks?

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