

Climate Challenge

Learning objective: To understand the concept of climate, the water cycle, and the factors that affect climate

Match the words on the left with their correct definitions on the right.

Word bank: Climate · Water Cycle · Greenhouse Effect · Latitude · Weather · Temperature · Humidity

1. What is the movement of water from the Earth to the atmosphere and back again? (1 mark)

2. What is the average temperature and weather conditions in a particular area over a long period? (1 mark)

3. Which type of effect is caused by gases in the Earth's atmosphere trapping heat? (1 mark)

4. What is the distance north or south of the Equator, which affects the climate of a region? (1 mark)

Draw: Draw a diagram to show the water cycle, including the three main stages: evaporation, condensation, and precipitation.



Extension challenge: Research and write about a region that is known for having a very hot or very cold climate. What are the reasons for this climate, and how do the people living there adapt to it?