

WHEN WILL I EVER NEED MATHS?

Well, you might have to use it in Geography...

- Use climate **graphs** to describe climate change.
- **Calculate** total annual rainfall.
- Calculate the **population density** of a country.
- Use your knowledge of **percentages** to decide if a household is in a state of poverty.
- Draw **pie charts** to compare sources of water for homes in three different areas.
- Use your understanding of **negative numbers** to compare the temperature ranges in five different cities.
- Use a **map scale** and a **ruler** to work out the total length of roads in a given area defined by grid lines.
- Use a **compound bar chart** to answer questions about changing trends in the timber trade.
- Use a **scatter graph** to test a **hypothesis** like "Districts with a higher percentage of people with higher qualifications have longer life expectancies."
- Obtain indicators of development by calculating **compound measures** like number of people per doctor.
- Find your way around a map using **grid references** and **compass directions**.

Maths has lots of applications and is a vital asset in many degrees and careers.
To find out more about where maths is used and maths-related careers visit:
www.mathscareers.org.uk