

Key spelling in Year 8 Geography

Weather
Climate
Microclimate
Permeable
Impermeable
Aspect
Temperature
Anemometer
Barometer
Thermometer
Rain gauge
Air pressure
Climate graphs
Precipitation
Convectional rainfall
Relief rainfall
Frontal rainfall
Ecosystem
Rainforest
Emergent layer
Canopy
Under canopy
Adaptation
Plate tectonics
Earthquake
Volcano
Seismic
Sustainable
Richter Scale



How can you help your child?

1. Test spellings
2. Check and support home-work. Details of homework can be found on eschools.
3. Help them build good, active, revision habits. Remember revision is not something that happens just before an exam, it needs to be an ongoing process.
4. Watch the news– Geography is happening all around us. Top Geographers keep on top of world events.
5. Make sure your child has the correct equipment to support their learning.
6. Get in contact if you have any questions about their work or what you can do to best support them.



Geography Department



**Geography
Department
Year 8**

How can your child
achieve all that
they can in Year 8.

St Alban's Catholic High School

► In Year 8 pupils will be looking at-

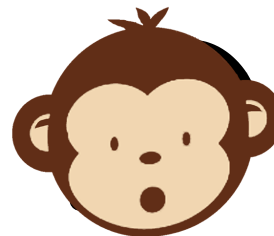
1. WEATHER AND CLIMATE:- Students will investigate the differences between the terms weather and climate in this unit. They will think about the factors that can affect the weather and will look at microclimates. Microclimates are the weather of a small area. We will conduct a field-work enquiry within the school grounds which will be assessed. Students will look at the three types of rainfall and also climate graphs and will learn how to draw and analyse one.
2. ECOSYSTEMS— Students will build on the skills that they have learnt in the weather and climate unit and apply the ideas to the Tropical Rainforest ecosystem in particular. We learn how plants and animals adapt to survive in the different ecosystems of the World and also how humans manage to live in extreme climates worldwide. The key concept of the unit is how interconnected ecosystems are, and we identify the ways humans damage and manage them.



3. BRAZIL— we complete this small country study to follow on from our ecosystem unit of work. We allow students the freedom to think about the aspects of Brazil they would like to study such as culture, sport etc. They produce an independent project on the country which is assessed.

4. NATURAL HAZARDS-

We introduce students to the structure of the Earth and plate tectonics. Students will learn about the different plate boundaries and the landforms that they can create— mountains, volcanoes and earthquakes. Students will learn how they form and the key impacts that they create. We look at how we manage the impacts of these disasters and also some real examples. Students will have a SAIL task to create a volcano that can be exploded and used to teach others about them.



In Year 8 pupils will be looking at-



► How will Geography be assessed?

Geography has a range of different assessments—each unit will be assessed either through SAIL or formal work:



Unit 1— Microclimate fieldwork enquiry— students will be assessed on their enquiry write up— this will have clear sections of introduction, methodology, data presentation, data analysis, conclusion and evaluation.

Unit 2— Rainforest essay— students will write an essay based on the unit's findings but also their SAIL work and own knowledge. This will be completed over the course of a couple of weeks and will be supported with writing frames and key word guidelines.

Unit 3— Brazil project— students will be assessed on an independent project that they will be completing in lessons and home.. It can be presented however they would like to but must cover some guidelines given to students in lessons.

Year 8 exam— Students will be assessed on Unit 1, 2 and 3 in an exam paper. There will be a range of short and long answer questions which cover their knowledge, skills and geographical literacy.

Unit 4— Students will be assessed on a newspaper article written about and earthquake of their choice— they will complete the research at home but the article will be written at school.



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