



Saint Joseph's

CATHOLIC SCHOOL

Geography Department

Yr8 High Achievers Booklet





Year 8 Geography



HA Learners

An expectation of a HA Geography learner is:

- To engage in the world they live in
- To show an interest in Global affairs
- To dedicate time for further research and creativity
- To take the opportunity to develop ideas and knowledge beyond the classroom

What is this booklet about?

- In this booklet are a range of activities for you to carry out
- The activities are different every term and allow you the opportunity to explore topics that link to your classwork
- These activities offer you the chance to do something different – explore the world about you, create models of geographical features

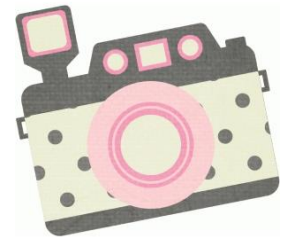
Term 1 – Coasts



- Make a 3D model of coastal features (arches, stacks, stumps)
- Create a comic strip showing coastal features and their creation
- Create a 3D informational cube of geographical features/places/processes



- Visit a coastal location of your choice:
 - You could take photos or make a video to show the different coastal features and processes in action at this place.
 - You could collect some pebbles to show different rock types. How erosion has affected their shape & texture?
 - Create a leaflet or book about this place; include photos and descriptions of locations and coastal features



Term 2 – World Development



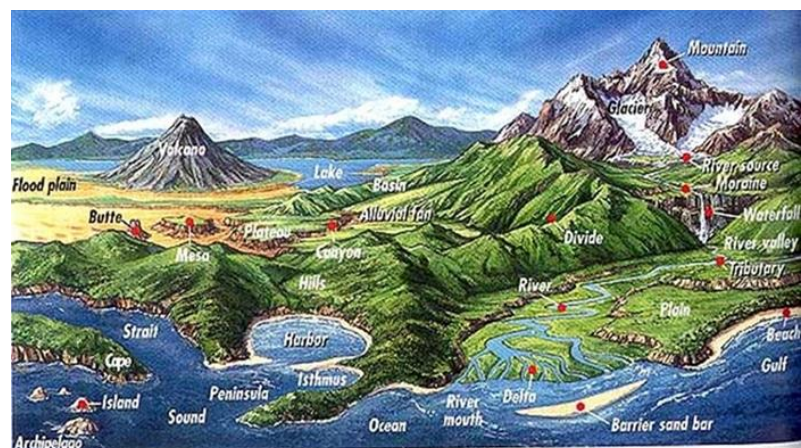
. Research a country of your choice. It can be somewhere you have visited, somewhere you wish to visit or simply a country that you know little about!

Produce a project, or selection of work based on this country. Be as creative as you like, here's some ideas:

- Create a fact file for the country
- Create a collage of photographs and images to do with this country – include people, culture, buildings, places of interest
- Create a model of a house/town in this country. What is the architecture like?

You could explore:

- Physical features of the country – lakes, rivers, coastline, mountains...
- Culture – what traditions does this country have?
- Economy – how does this country make its money? How developed is it? (LIC/HIC/NEE)



Term 3 – World resources and Sustainability

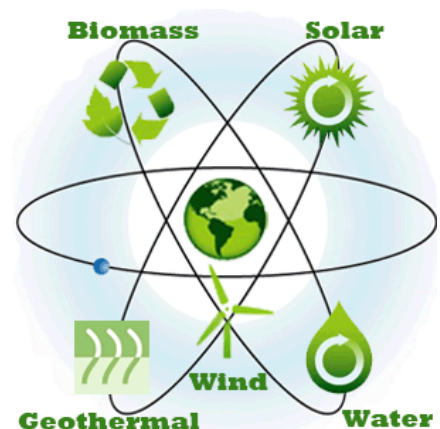
. Create a 3D model of the world (balloon, papier-mâché...) and show the global distribution of water



. Create a comic strip showing the journey of world resources, such as wood or coal, around the world. What happens to it? What is it used for?

. Research alternative energy sources and create a storyboard or leaflet explaining what they are and how they work. E.g. solar panels, wind turbines

. Create a 3D model of a piece of technology that will help save electricity and fossil fuels and therefore reduce your carbon footprint on the world. This can be technology of your own design, or one that already exists.



Term 4 – Climate Zones

This an opportunity to look at countries in different climate zones.

Choose a country, and then focus on its climate.



Consider:

- How does it affect daily life?
- What do people do to adapt?
- Is the climate likely to change in the future? If so, how? Why?
- How have people adapted to the climate? What are the advantages of the climate?
- Has this country experienced any hazardous weather events? When were they? What happened?

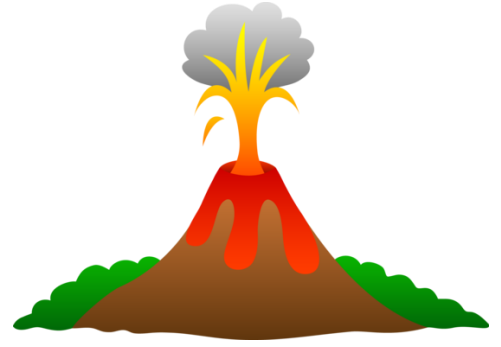
Possible ways of presenting your research:

- A PowerPoint presentation
- A quiz based on your country of choice
- A board game, like snakes and ladders which shows the advantages and disadvantages of your chosen country's climate
- A poem about your chosen country's climate

Term 5 – Volcanoes

Research a volcano of your choice.

Consider:



- What type of volcano is it? (Shield or composite cone?)
- Which tectonic plate boundaries does the volcano occur on?
- What is the biggest/most recent volcanic eruption?
- What happens during a volcanic eruption?
- What damage has been, or could be, caused by the eruption of this volcano?
- How are humans attempting to predict or control this volcano's eruptions?
- Do people still live near the volcano? If so, why?

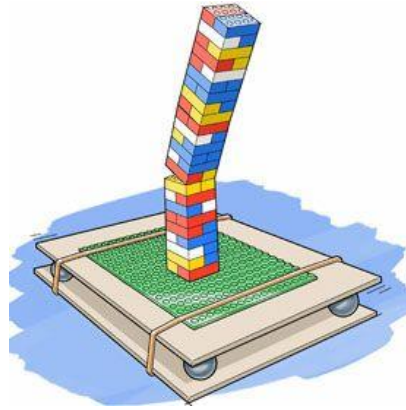
You could present your research as:

- A written speech
- A project booklet
- A 3D model of a volcano
- A labelled diagram of a volcano

Term 6 - Earthquakes



- Design and create an earthquake-proof building. You could use Lego, playdough, cardboard boxes – You choose!



- Research how earthquakes are measured and make your own seismometer.



- Create an open book summarising key facts about earthquakes – how are they created? How can they be measured? How can people prepare for earthquakes?



- Create an earthquake diorama in a shoebox or cardboard box. (Dioramas use models and landscaping to create historical or fictional scenes.)



Earthquake Diorama