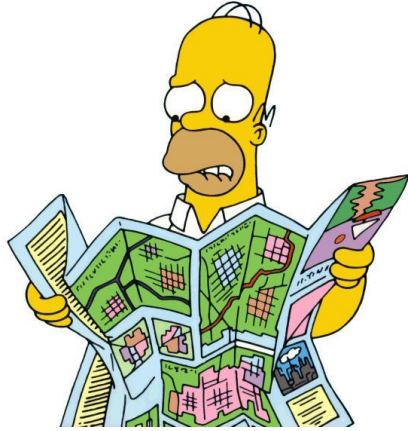


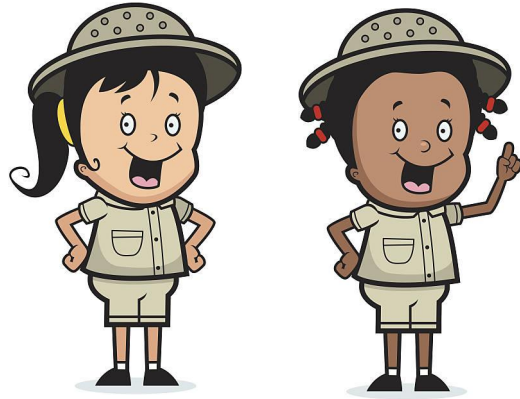
# Year 7 Geography Knowledge Organizer



## A. Geographical Skills



## B. Exploring Places



## C. Your Island Home



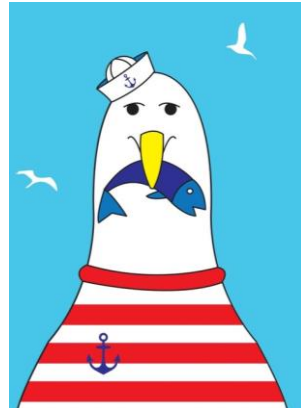
## D. Our Planet



## E. Water & Rivers



## F. Oceans & Coasts



## G. Extreme Weather & Climate



## H. Geography at the Movies



# 10 different ways you can use your Knowledge organizer:

1. Prepare for a spelling test of key words e.g. environment. Your teacher might misspell them on purpose, so be ready to correct their mistakes!

2. Prepare for a quiz at the start of the lessons – the answers are all the key words... Or you have to think of the questions instead!

3. Sort the key words somehow (into categories such as physical geography or human geography)

4. Use the key words by including them in an answer to a question you've been set by your teacher.

5. Check you know what the key words mean – talk about what they mean at home, take notes, or make a glossary containing definitions for them.

6. Make your own quiz or challenge for a classmate or your teacher. You could design a crossword using the key terms and use definitions for the clues.

7. Organise the key words in different ways – try making a spider diagram or a mind map.

8. Your teacher could ask you which words in the knowledge organiser are most relevant to the topic you are studying.

9. Make connections between the key words – you could draw a flow diagram to show how different words and ideas are linked.

10. Put a 😊 next to key words if you are confident that you know what they mean. Work on the others, and ask your teacher for some help if you need it.





# 7A. Geographical Skills

## What is this topic all about?

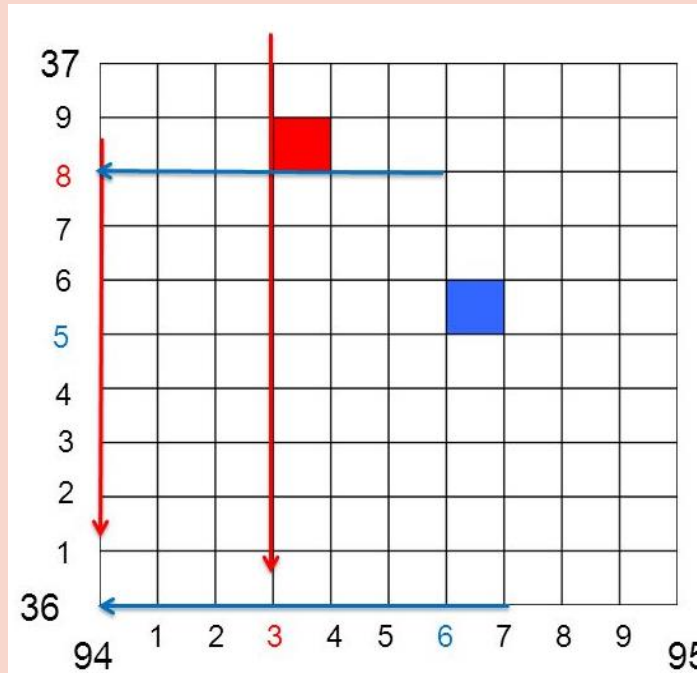
You will learn about different places and new map skills, and then carry out an investigation of your own so you can present the information you have collected.

### Fact Box

- Most geographers say there are 7 different continents - but not everybody agrees!
- The largest continent by size is Asia.
- 'Never Eat Shredded Wheat' is a helpful mnemonic to learn compass points – north, east, south and west.
- 'OS' maps stands for Ordnance Survey maps.
- 'Along the corridor and up the stairs' is useful to remember when trying to work out grid references on an OS map.

### Six Figure Grid References

*The six figure grid reference for the red square is 943668.  
Can you work out the blue square?*



## Key Words

Continents  
Countries  
Population  
Cities  
Mountain range  
OS Maps  
Area  
Atlas  
Compass  
Scale  
Map Symbols  
Distance  
Direction  
Contour lines  
Grid references  
Graphs

# 7B. Exploring Places



## What is this topic all about?

This topic is all about different types of places – you will learn about mysterious places, endangered places, noisy places, and even places which won't stay still!

## Key Words

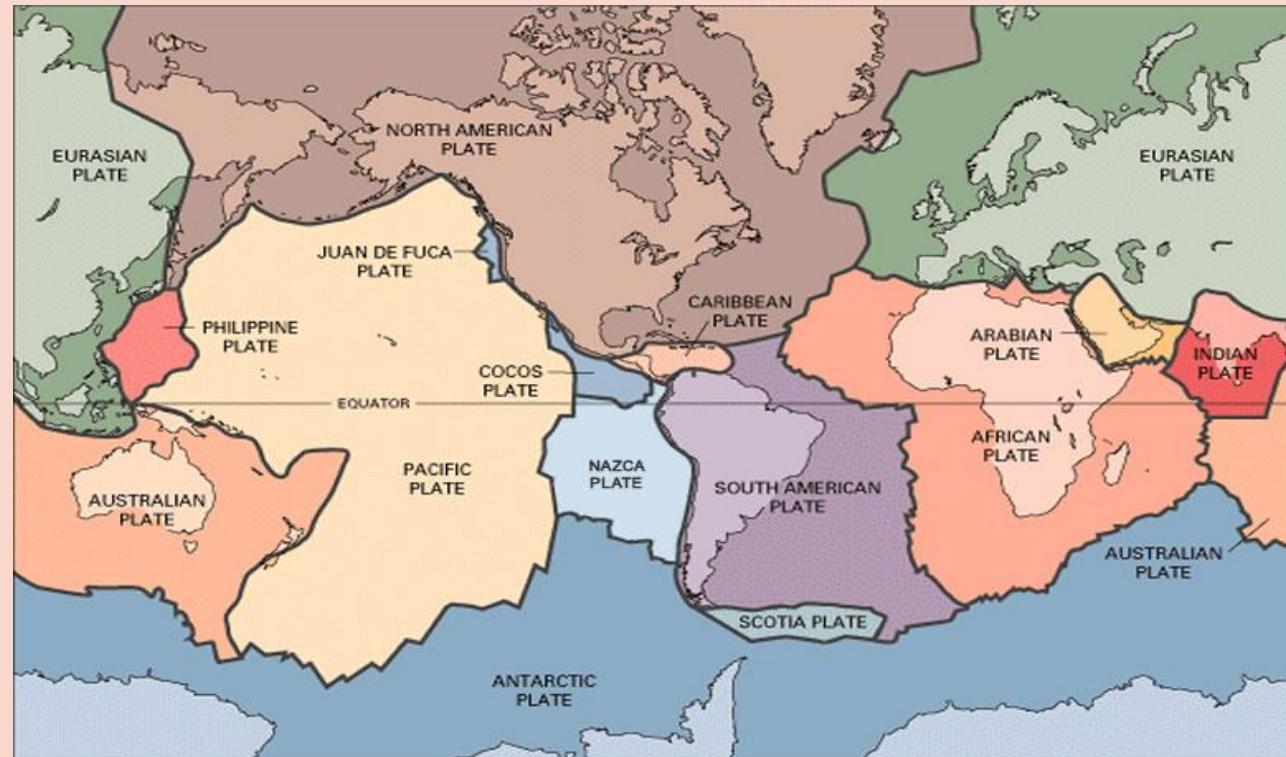
Places  
Equator  
Environment  
Remote  
Heritage  
Volcanoes  
Volcanic eruptions  
Theory  
Crust  
Plates  
Lava  
Magma  
Hot spots  
Subduction  
Hawaii  
Countries  
Cities  
Endangered

## Question Box

- *The highest mountain in the world is Mount Everest by sea level, but it is not the tallest mountain in the world (but what is?)*
- *What is the 'Ring of Fire'?*
- *Where are the hottest and coldest places on the planet?*
- *Where the wettest and driest places on the planet?*
- *What is the difference between lava and magma?*

## Plates Map

*The crust (outer layer) of our planet is broken into pieces called plates.  
What is the name of the plate you live on?*





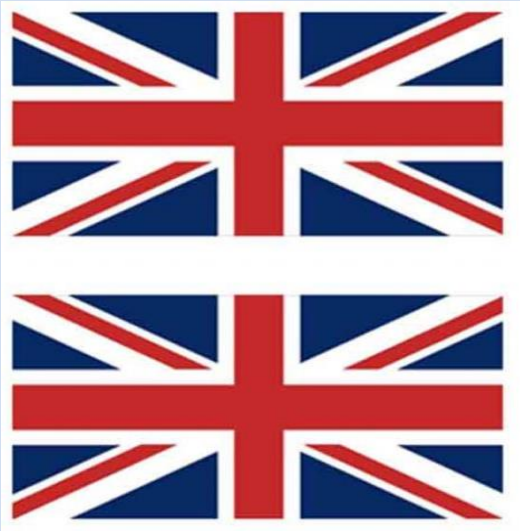
# 7C. Your Island Home

## *What is this topic all about?*

This topic is all about the physical and human geography of your island home. You will learn about the different landscapes, geology, understanding the weather, people, and even how our island became an island!

## Flag Challenge:

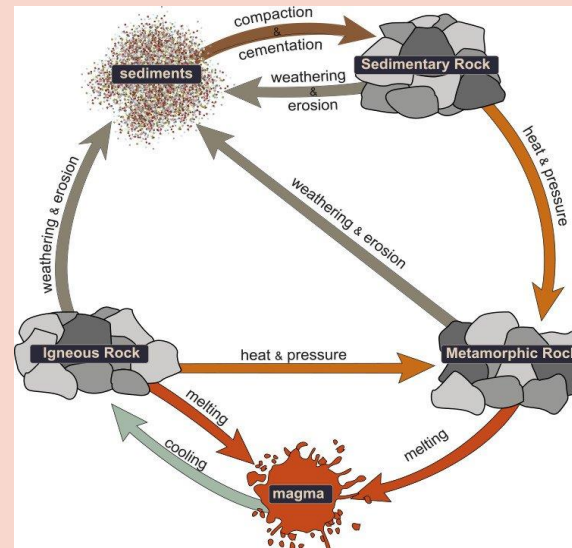
*Which of these two flags is correct?*



*Can you explain the difference between Great Britain, the United Kingdom, and the British Isles?*

## Rock Cycle

*What are the three different types of rock shown in the rock cycle below?*



*How are the rock types formed?  
Find some examples of each.*

## Key Words

Great Britain  
United Kingdom  
British Isles  
Country  
County  
City  
Geological  
Rock cycle  
Igneous  
Sedimentary  
Metamorphic  
Convectional, frontal & relief rainfall  
Isolines  
Desire line  
Granite  
Fault line  
OS Map symbols  
Uneven development

# 7D. Our Planet

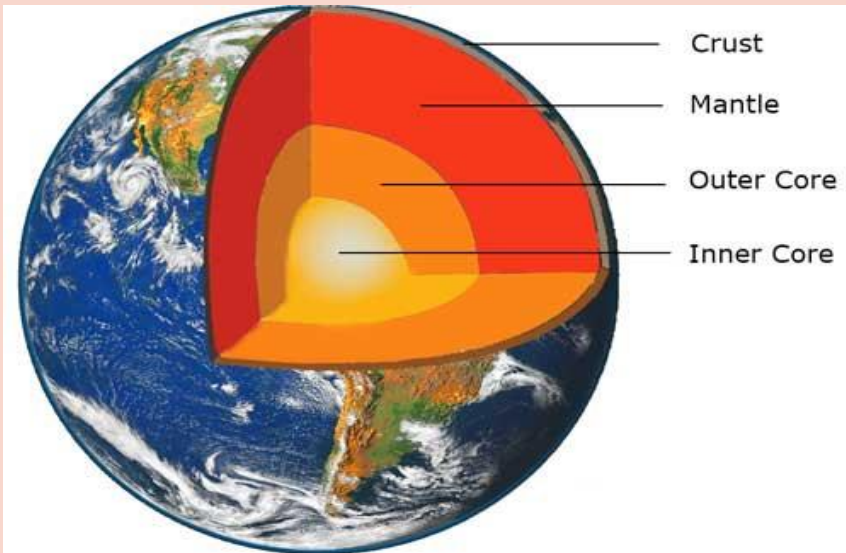


## What is this topic all about?

This topic is all about our planet. You will learn about geological time, the rocks our planet is made from, and the importance of the atmosphere for sustaining life on Earth.

### Layers of the Earth

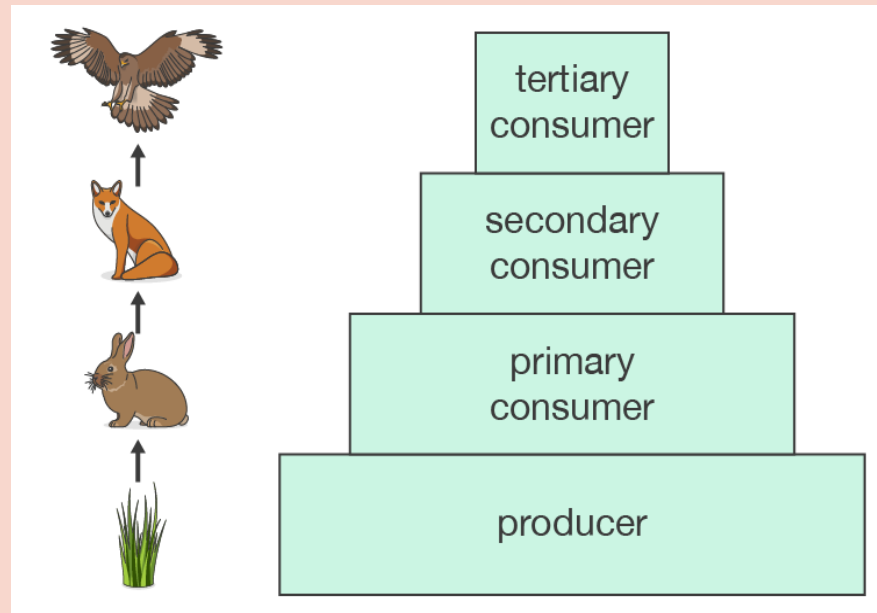
*Research the different layers of the Earth you can see in the diagram below:*



*Research: What are the layers like?  
How are they different to each other?*

### Food Chain

*What are the differences between 'producers' and 'consumers' in this food chain?*



*Can you explain what a food chain is?  
What about a food web?*

## Key Words

Earth structure  
Inner core  
Outer core  
Mantle  
Crust  
Bacteria  
Landforms  
Peninsula  
Plateau  
Glacier  
Canyon  
Atmosphere  
Carbon dioxide  
Geological time  
Ecosystem  
Organism  
Producers  
Consumers  
Natural Hazards

# 7E. Water World: Rivers & Flooding



## What is this topic all about?

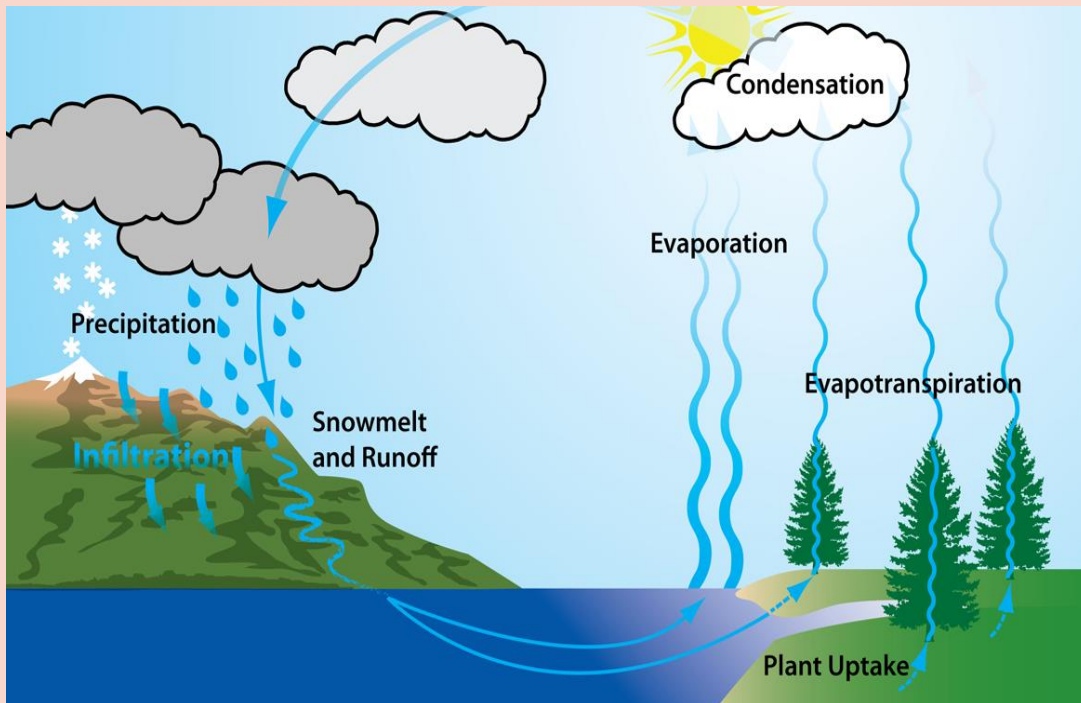
This topic is all about water. You will learn how the water cycle works, and how water and rivers shape the surface of the Earth.

## Key Words

Evaporation  
Condensation  
Precipitation  
Transpiration  
Drainage basin  
Watershed  
Source  
Tributaries  
Confluence  
Erosion  
Hydraulic action  
Abrasion  
Attrition  
Transportation  
Traction  
Saltation  
Suspension  
Plunge pool  
Meander  
Oxbow lake

## Water Cycle

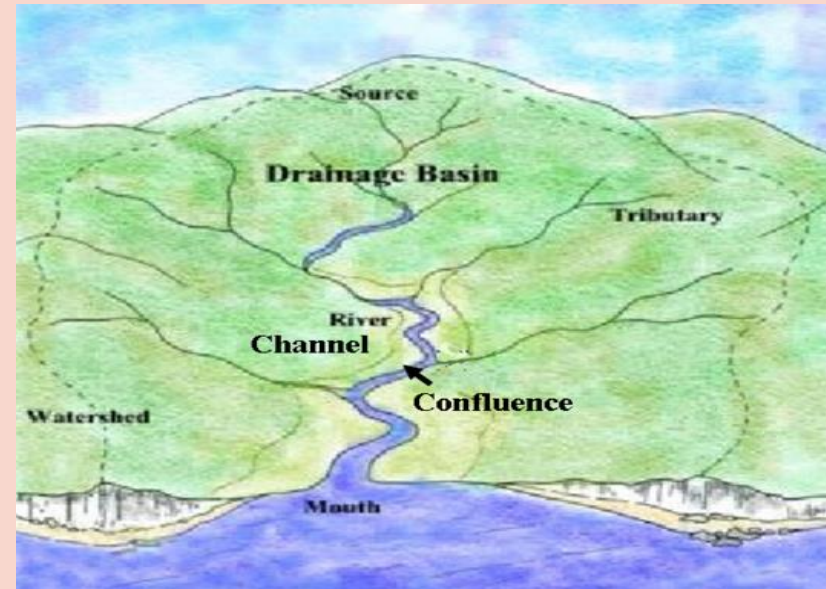
*Can you memorise the water cycle diagram below?*



*Can you explain how it works?*

## Drainage Basin

*Find out the meanings of the terms you can see in the diagram below:*



*Can you find out the name of the drainage basin you live in?*



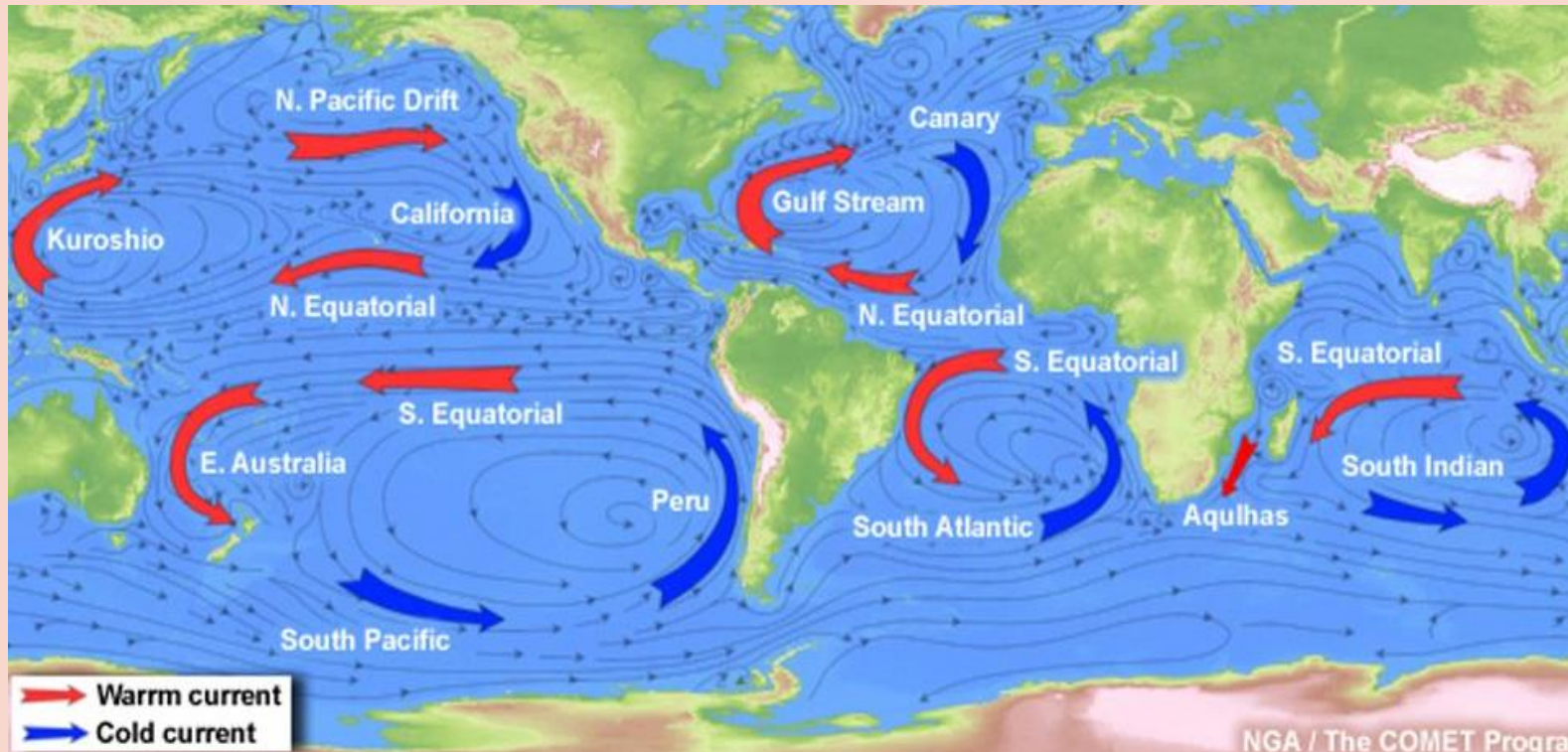
# 7F. Water World: Oceans & Coasts

## *What is this topic all about?*

In this topic you will investigate how the oceans formed, and how ocean currents affect the climate. You will learn about how waves and tides shape our coastline.

## Ocean Currents

*Can you see the name of the warm ocean current which helps keep temperatures on our island home milder (especially in winter months)?*



## Key Words

Pacific  
Atlantic  
Mediterranean  
Gulf Stream  
Spring tide  
Neap tide  
Constructive waves  
Destructive waves  
Swash  
Backwash  
Fetch  
Longshore drift  
Deposition  
Stacks and stumps  
Arches  
Spits  
Headlands and bays  
Hard engineering





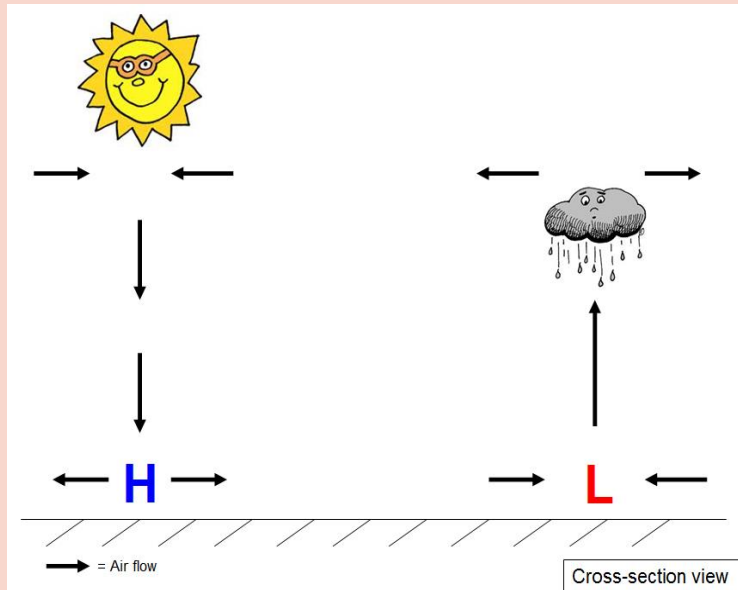
# 7G. Extreme Weather & Climate

## What is this topic all about?

This topic is about extreme types of weather, including wildfires and tornadoes. You will also learn about the importance of the atmosphere and the impact human activity is having on it.

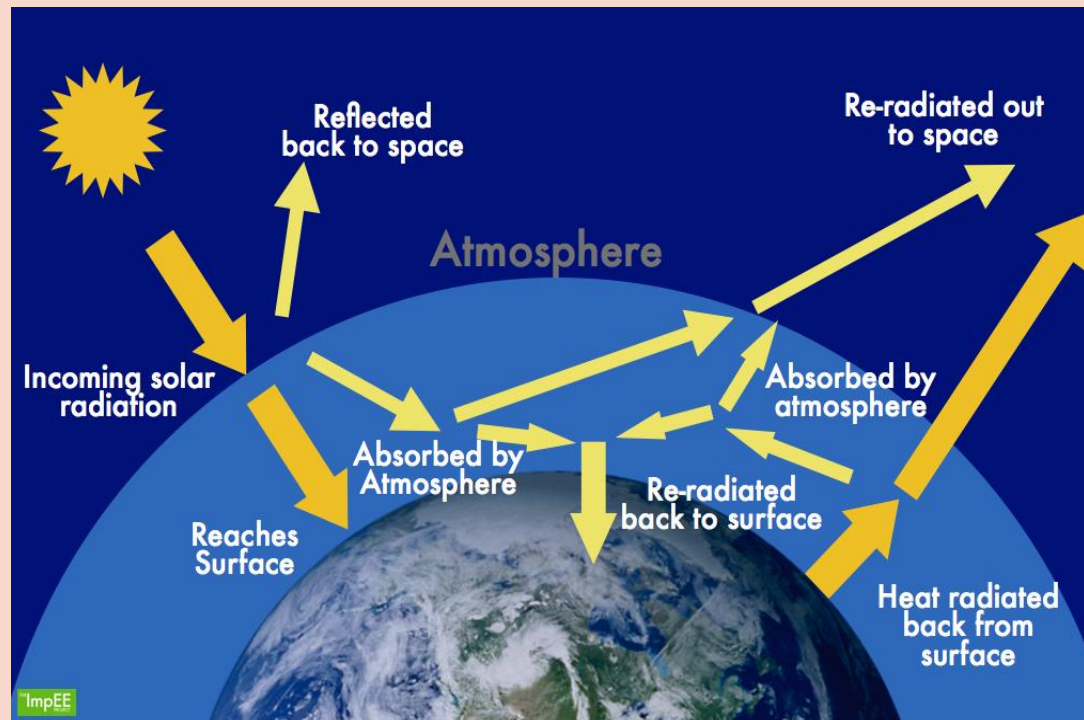
### Air Pressure

*Why does low pressure usually mean cloud and rain, whereas high pressure brings clear skies and sunshine?*



### Greenhouse effect

*How is the atmosphere a bit like a greenhouse?*



## Key Words

Weather  
Meteorology  
Precipitation  
Temperature  
Celsius  
Cloud cover (oktas)  
Air pressure  
Low pressure  
High pressure  
Millibars  
Convection cell  
Climate  
Greenhouse effect  
Greenhouse gases  
Carbon emissions  
Sea level change  
Tidal gauge

# 7H. Geography at the Movies

*What is this topic all about?*

For this topic you will improve your place knowledge - and you will get to do an investigation of your own.



## Continent Challenge

*See if you can memorise every country in a continent of your choice...*

*You could start with South America which has few countries. Africa is a real challenge!*

*Practise at home. When you are ready, ask your teacher to test you to earn a commendation or two!*

