

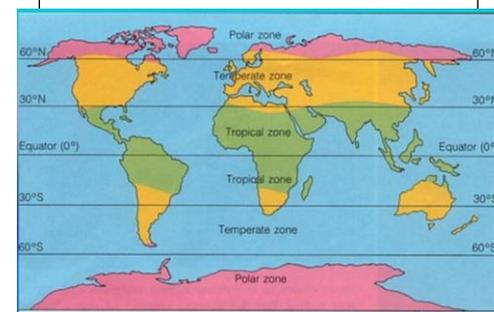
Climate Zones Knowledge Mat

Subject Specific Vocabulary

| | |
|----------------------|--|
| north Pole | The North Pole is the northernmost place on Earth. When at the North Pole all directions point south. |
| south Pole | The South Pole is the southernmost place on Earth. When at the South Pole all directions point north. |
| equator | Is an imaginary line around the centre of the Earth. It is very hot at the Equator. It divides the Earth into the north and south hemispheres. |
| climate zones | Climate zones are areas with distinct climates, |
| climate | Climate is the long-term average of weather, typically averaged over a period of 30 years |
| biome | A community of plants and animals that have common characteristics for the environment they exist in |
| desert | A desert is a very dry place that experiences little rain and therefore plants don't grow there. It is difficult to find water in a desert. |
| hemisphere | It is half the Earth divided into north and south by the equator. Britain is in the northern hemisphere. |
| humid | When there is a lot of moisture in the air it is said to be humid. Hot countries often are very humid. |
| weather | the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain. |
| rainforest | Rainforests are forests characterized by high and continuous rainfall. |



Climate Zones



Sticky Knowledge about Climate Zones

- The effects of global warming include rising sea levels, regional changes in precipitation, more frequent extreme weather events such as heat waves, and expansion of deserts.
- Not all deserts are covered by sand, only 20% of all deserts are covered with sand.
- During the South Pole winter (mid March to mid September) it is dark all the time. During the summer it is light all the time.
- Even though we think they should be, not all deserts are hot. Two of the world's biggest deserts are in the North and South Poles.
- The largest hot desert in the world is the Sahara and the largest cold desert is Antarctica
- Despite the low temperatures over 4 million people live in the polar regions.

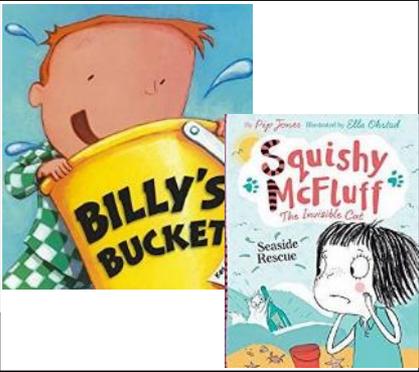
Climate Zones

- Equatorial
- Arid
- Mediterranean
- Polar
- Temperate

Biomes

- Tropical rainforest
- Tropical savannah
- Desert
- Mediterranean
- Deciduous Forest
- Temperate grassland
- Coniferous forest
- Tundra
- Mountain
- Polar

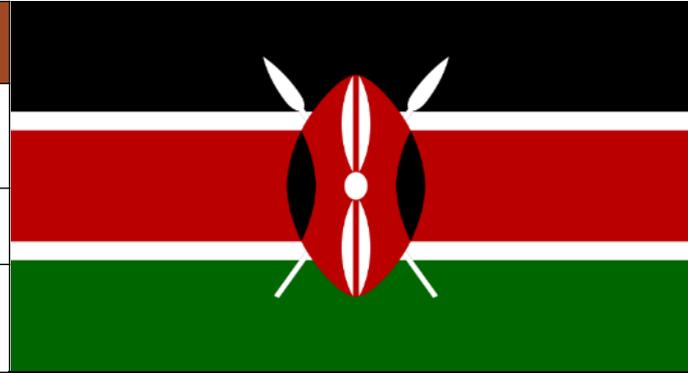
Seaside Study KS1 Knowledge Mat

| Subject Specific Vocabulary | |  | Exciting Books | | |
|-----------------------------|---|---|---|---|--|
| cliff | A steep rock face usually at the edge of the sea. | | <h3>Sticky Knowledge about the seaside</h3> <ul style="list-style-type: none"> <input type="checkbox"/> In the United Kingdom no one lives more than 130Km from the sea. <input type="checkbox"/> Weymouth was the first seaside resort in Britain and was established more than 200 years ago. <input type="checkbox"/> The Punch and Judy show became a major attractions at the seaside during the Victorian times. <input type="checkbox"/> The song 'Oh, I do love to be beside the seaside' was first recorded more than 100 years ago. <input type="checkbox"/> Most British seaside resorts are famous for their fish and chips which were served in newspapers until the 1980s. <input type="checkbox"/> Most sandy beaches are well known for children using their bucket and spade to build sandcastles. <input type="checkbox"/> Coasts have many different features, such as caves, cliffs, mudflats and beaches. |  | |
| rockpool | A pool of water amongst rocks on a beach. | <h3>Can you find these well-known seaside resorts on a map?</h3> <ul style="list-style-type: none"> • Scarborough • Weymouth • Tenby • Blackpool • Poole • Brighton • New Quay in Cornwall • Whitby | | | |
| tide | The rise and fall of the sea usually caused by the pull of gravity from the moon and sun. | | | | |
| resort | A seaside resort is a town or place where people go on holiday by the sea. | | | | |
| beach | A pebbly or sandy shore, between the sea and a higher land place. | | | | |
| lifeboat | A specially made boat aimed at rescuing people stranded in the sea. | | | | |
| lighthouse | Usually a tower containing a beacon of light to warn or guide ships at sea. | | | | |
| postcards | A card for sending a message to someone without an envelope. | | | | |
| fairground | An outdoor area where you can ride on various attractions. Often by the sea. | | | | |
| island | A piece of land completely surrounded by sea | | | | |
| ocean | A large area of salt water between the continents. | | | | |

Comparative Study (Kenya) KS1 Knowledge Mat

Subject Specific Vocabulary

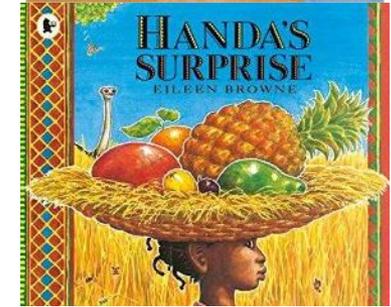
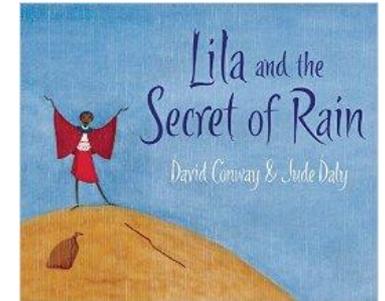
| | |
|-------------------|---|
| European | To be European is to belong to a group of countries in a continent called Europe. |
| African | To be African is to belong to a group of countries in a continent called Africa. |
| wild life | Refers to a group of animals that are wild, that is, do not live with humans but roam free. |
| climate | Climate refers to aspects of weather over a long time. In hot countries the climate is hot, etc. |
| drought | Drought is a long period without rain, often experienced by African countries. |
| government | It refers to a group of people who run a country. In most cases these people are elected. |
| palm tree | A tree that grows in tropical regions and has a straight, tall trunk and many large leaves at the top of the trunk. |
| ebony | Ebony is a very dark black colour, or a south Asian tropical tree with hard, dark-coloured wood. |
| mud huts | Mud huts are basic houses built from what is available in the area. In Africa, mainly from mud. |
| mango | Is a tropical fruit found in hot countries. It is a yellowy-red colour with a large stone in the middle. |
| Kenya | Is a large country situated in East Africa. It is officially known as the Republic of Kenya. |



Sticky Knowledge about Kenya

- Kenya is situated in Eastern Africa and its capital of Kenya is Nairobi.
- There are two main languages spoken in Kenya: English and Swahili. However there are many other languages spoken in different parts of Kenya.
- The largest lake in the world, lake Victoria is partly in Kenya. It is also in Tanzania and Uganda.
- Tea and coffee are important plants grown in Kenya and they also produce many flowers.
- Large animals such as lions, buffalo, leopards, elephants and rhinoceros are present in Kenya.
- Unfortunately, Kenya is still a developing country and more than half the population live in poverty.
- In terms of sports, Kenya is perhaps best known for its middle and long distance runners, with the country frequently producing Olympic champions.

Exciting Books



Kenyan Animals

- African elephant
- White Rhinoceros
- Black Rhinoceros
- Hippopotamus
- Giraffe
- African buffalo
- Zebra
- Leopard
- Parakeet

The Local Area KS1 Knowledge Mat

Subject Specific Vocabulary

| | |
|--------------------|---|
| street | A public road in a city, town, or village, typically with houses and buildings on one or both sides. |
| road signs | Road sign gives you information, traffic signs warn you of possible dangers and provide information. |
| office | A building where people work from. Some are large, tall buildings others are very small. |
| supermarket | A place where you buy groceries and other items. They are usually very large with parking space. |
| post office | Is a place where you buy stamps for your letters and can send your letters from. |
| church | Is a place of worship normally found in every village, town and city. Mosques and temples are similar places for different religions. |
| map symbol | It is a small picture on a map to tell you about something. There are symbols for schools, churches, post offices and pubs. |
| address | Locates exactly where someone lives by having street and town names. |
| post code | This locates exactly where a street or a place is by using letters and numbers. |
| urban | A busy locations which has lots of houses and usually shops and offices. |
| rural | It is a location in the country. It is not usually as busy as an urban place. |



Sticky Knowledge about British villages, towns and cities

- A village is usually associated with the countryside and is smaller than a town.
- Every street in our country has a name and a post code. The name is usually on a wall or a sign at the beginning of the street.
- There are many signs on the roads to help drivers use the highway code properly. There are different shaped signs to help drivers know what to do.
- London is our capital city and has a population of more than 8 million.
- Your address has the name of the street you live in, the number or name of your house; the village, town or city you live in and a post code.
- London is the capital of England; Cardiff the capital of Wales, Edinburgh the capital of Scotland and Belfast the capital of Northern Ireland.
- One of the oldest parliaments in the world is situated in London and is called the Houses of Parliament.

Exciting Books



Major English cities

- Birmingham
- Manchester
- Newcastle
- Sheffield

Attractions of London

- Buckingham Palace
- Tower of London
- Windsor Castle
- The London Eye
- London Bridge