

Year 9 Geography Assessment –Knowledge Organiser

Geographical Skills:

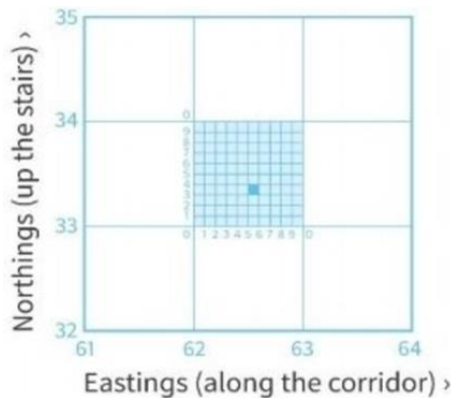
Location Description



When describing the location of a country, make sure you include the continent, location in the continent (using compass directions), lines of latitude, oceans and seas and surrounding countries.



6 figure grid references:



Graph Description





When describing a graph remember to include; Trends, Examples, Anomalies



Topic One: Climate Change or Climate Emergency

Causes of climate Change

Natural	Human
<ul style="list-style-type: none"> - Orbital changes – The sun's energy on the Earth's surface changes as the Earth's orbit is elliptical its axis is tilted on an angle. - Volcanic activity – volcanic aerosols reflect sunlight away reducing global temperatures temporarily. 	<ul style="list-style-type: none"> - Fossil fuels – release carbon dioxide which accounts for 50% of greenhouse gases. - Agriculture – accounts for around 20% of greenhouse gases due to methane production from cows etc. - Deforestation – logging and clearing land for agriculture increases carbon dioxide in the atmosphere 

Effects of Climate Change- Case study Tuvalu.



Tuvalu is an archipelago in the South Pacific in Oceania. It is made up of 9 islands. Tuvalu is seeing vast changes due to rising sea levels as a result of climate change. It is home to 11,000 people, and it is estimated that Tuvalu will be uninhabitable in the next 50-100 years, meaning these people will be climate refugees. Tuvaluans must continually deal with their homes flooding, as well as soil salination. Soil salination is a problem because it is making it difficult to get clean drinking water and is harming crops as they cannot grow with the saltier water.



Topic Two : How Sustainable is Our Planet?

Key words:


Non- Renewable resource: A resource we will one day run out of e.g. oil finite)



Sustainability: Meeting the needs of the present without compromising the needs of future generations.

Microplastics: small pieces of plastic debris in the environment resulting from the disposal and breakdown of products.

Advantages and Disadvantages of using landfill sites:

Advantages	Disadvantages
<p>Sometimes landfills can use the waste to produce energy. Landfills keep cities and towns clean.</p> 	<ul style="list-style-type: none"> - Toxic waste can build up and seep into the ground and groundwater, which can damage crops. - Methane is emitted which is bad for the ecosystem also very flammable, so sites are at risk of severe fires.

Drowning in Plastics

Why is it a useful material? It is flexible, strong, rustproof, lightweight.



What are the impacts of plastic in rivers? Fish and birds eat plastic, which then enters our food chain. Destroys marine habitats. Toxic chemicals which come from plastic being degraded by sunlight can pollute rivers and oceans and kill fish.

How to reduce plastic waste? Individual: Reduce,. Reuse, Recycle. National: The UK Government banned the use of micro-plastics in January 2018

