

Subject: Geography

Year: 8

<u>Half term 1</u>	<u>Half term 2</u>	<u>Half term 3</u>	<u>Half term 4</u>	<u>Half term 5</u>	<u>Half term 6</u>
<p>COASTS</p> <p>What are waves and tides?</p> <ul style="list-style-type: none">- What causes waves and the factors that affect wave size.- How tides are created by the gravitational pull of the moon. <p>What happens when waves hit a headland?</p> <ul style="list-style-type: none">- What is a headland and how cracks, caves, arches, stacks and stumps form. <p>What happened to old Harry?</p> <ul style="list-style-type: none">- A detailed look at the formation of a sea stack alongside the four types of coastal erosion. <p>What are the features of coastal erosion?</p> <ul style="list-style-type: none">- The formation of coastal landforms including headlands and bays formed as a result of coastal erosion.- Wave cut platforms and how they are created as a result of cliff collapse. <p>The village that is falling in to the sea.</p> <ul style="list-style-type: none">- A case study and look at Hemsby – a village affected by coastal erosion. Social and economic effects of erosion is discussed. <p>What are the features of coastal deposition?</p>	<p>MEGACITIES (Mumbai and Lagos)</p> <p>What is a Megacity?</p> <ul style="list-style-type: none">- Megacity definition- Where are the world's megacities?- What are the advantages and disadvantages of living in a megacity? <p>What are the causes and effects of urbanisation?</p> <ul style="list-style-type: none">- Definition and understanding of urbanisation.- The cause of urbanisation (push/pull factors)- A study of the issues caused by a rapid growth in urbanisation. <p>Asia mapping.</p> <ul style="list-style-type: none">- What are the countries of Asia?- What is Asia like – exploration of the varied physical and human geography within the continent. <p>Where is India and what is it like?</p> <ul style="list-style-type: none">- A study of Indian culture, language, history physical and human geography. <p>Mapping India choropleth quality of life.</p> <ul style="list-style-type: none">- What choropleth maps are and why they are useful.- Inequality in the quality of life within the country.	<p>THE CHANGING UK ECONOMY (Manchester)</p> <p>Where were early settlements located?</p> <ul style="list-style-type: none">- Definition of a settlement. The physical and human factors that affect where settlements can be sited e.g. Access to water, trade, defence. <p>How did Manchester change during the Industrial Revolution?</p> <ul style="list-style-type: none">- Location on Manchester. Brief history of the Industrial Revolution and the growth of Cottonopolis. <p>How can Manchester's development be mapped?</p> <ul style="list-style-type: none">- Investigating how the size, shape and structure of the city has changed over time from Mamucium in Roman times through to the Manchester of today. <p>How has Manchester changed and what is modern Manchester like?</p> <ul style="list-style-type: none">- How has the population of Manchester changed over time as a result of the Industrial Revolution and the opportunities that the city offers (economically and socially)	<p>FARMING AND FOOD SUPPLY</p> <p>Why is farming important?</p> <ul style="list-style-type: none">- Reasons why farming/agriculture is important (jobs, economy, environment, food) and the different types of farming arable, mixed and pastoral. <p>What are the factors that affect farming?</p> <ul style="list-style-type: none">- Distribution of farming types across the UK and the reasons for this distribution (climate, soils, markets, relief, wind) <p>What are food miles?</p> <ul style="list-style-type: none">- What are the different factors that affect food miles, why they are increasing and where does our food come from? <p>Can a country have too much food?</p> <ul style="list-style-type: none">- Difference between food surplus and food deficit and the effect that this has on the health of a population. Examination of a measure of how food can be measured between countries. <p>How has farming become more intensive?</p> <ul style="list-style-type: none">- How agriculture has changed over time (mechanisation, fertiliser, pesticides,	<p>ICE WORLDS (Glaciation)</p> <p>What is glaciation?</p> <ul style="list-style-type: none">- What is glaciation/ice ages.- Cause and extent of the last ice age.- Understanding of geological time. <p>What are glaciers?</p> <ul style="list-style-type: none">- What are the different types of glaciers.- How do glaciers form and more (accumulation, ablation, snout, glacial budget) <p>How do corries form?</p> <ul style="list-style-type: none">- What is the definition of a corrie, how do they form including key processes (freeze-thaw abrasion, plucking and deposition). <p>How do Aretes and pyramidal peaks form?</p> <ul style="list-style-type: none">- Definitions of aretes and pyramidal peaks including their formation. Visual appreciation of the key features and an exploration of examples using GIS. <p>How are valleys altered by ice?</p> <ul style="list-style-type: none">- The formation of glacial troughs (U shaped valleys) and ribbon lakes. How the ice changes the shape of the valley (widens, steepens, straightens,	<p>WORLD ISSUES</p> <p>Extinction! what are the facts?</p> <ul style="list-style-type: none">- A short study in to how humans have had a large impact on ecosystems around the world- driving species to become endangered/extinct. <p>What is the bushmeat crisis?</p> <ul style="list-style-type: none">- Investigation in to how illegal logging and a rising population is leading to a crisis in the bushmeat trade. A short study in to what the impacts of this may be and how it is an issue which is difficult to tackle. <p>Independent pupil investigation.</p> <ul style="list-style-type: none">- A species will from the CITIES red book of endangered species will be selected and then a scaffolded investigation will ensue – this will look at the species habitat, diet, location, climate/ecosystem, threats and potential solutions.- Presentations will be delivered independently. <p>A study of current and relevant world issues. Please see lesson folder for up to date lessons. These may include Rwanda, HIV,</p>

<ul style="list-style-type: none"> - What is the swash and backwash leading to how the process of longshore drift works. - Spits and bar formation. <p>The UK coastline</p> <ul style="list-style-type: none"> - An exploration of coastal features around the UK coastline. 	<p>Mumbai what are the opportunities and challenges?</p> <ul style="list-style-type: none"> - An investigation in to the opportunities and challenges caused by rapid urbanisation. - Dharavi case study. <p>Call centres/presentation topics</p> <ul style="list-style-type: none"> - Why many call centres relocated overseas and the benefits and issues this brings. 	<p>How has the spiral of urban decline affected Manchester?</p> <ul style="list-style-type: none"> - Deindustrialisation. How has the decline of industry in Manchester led to a change in the city (employment, industry, crime, anti-social behaviour, poverty, educational outcomes) <p>How has Salford been regenerated?</p> <ul style="list-style-type: none"> - The rise of Media city and the impact that it has had on local communities, jobs etc leading to an improvement in the urban environment. <p>Is there inequality in Manchester?</p> <ul style="list-style-type: none"> - What is GIS. Using GIS to identify and compare different areas of Manchester using postcodes to highlight how some areas have benefitted from regeneration whereas others are stuck in a cycle of poverty. <p>What is the North/South divide?</p> <ul style="list-style-type: none"> - To explore - what extent is there a north south divide based on evidence of poverty (wealth, housing, food), health and education. 	<p>farm/field size, animal agriculture changes e.g. foodstuffs and rise of antibiotics)</p> <p>What is the impact of intensive farming?</p> <ul style="list-style-type: none"> - Animal welfare, antibiotic resistance, zoonotic disease, eutrophication, drought, impact on human health. <p>Can food be more sustainable?</p> <p>Different method to make food supply more sustainable e.g. organic farming, eating insects, urban farming initiatives.</p>	<p>deepens) through the use of key processes.</p> <p>Glacial deposition</p> <ul style="list-style-type: none"> - What happens under the ice leading to what is moraine and the different types of moraine? Drumlins and erratics including an appreciation of their visual appearance. <p>Is there conflict in the Lake District?</p> <ul style="list-style-type: none"> - How is there conflict in glaciated areas – social economic and environmental. <p>Antarctica – What is it like?</p> <ul style="list-style-type: none"> - Where is Antarctica. A look at the features (shape, location, wildlife, threats) <p>Avalanches</p> <ul style="list-style-type: none"> - What are the causes of avalanches and how can they affect people. 	<p>food/resources, environmental protection, arms race, recent geographical event, forest fires etc.</p>
---	---	---	--	--	--