

Year 7 Units of Work - GEOGRAPHY

Year 7	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit of Work	PLACES	MAP SKILLS & CITIES	TROPICAL RAINFORESTS EXPLORATION	WORLD GEOGRAPHY	RIVERS	OUR CHANGING WEATHER AND CLIMATE
<p>Curriculum Map (Links to geography programmes of Study 2014)</p> <p>Locational knowledge</p> <p>Place knowledge</p> <p>Human and physical geography</p>	<p><u>Introduction Lesson</u> Where is my mystery place?</p> <p><u>Baseline Test</u> What places and geographical skills do I have already?</p> <p><u>Types of Geography</u> What is physical geography? What is human geography? What is environmental geography?</p> <p><u>Places from global to local</u> What and where are our continents? What are our global connections? What is Europe like? What is the British Isles like? What is Britishness? What is our favourite place in Cornwall? (Annotated sketch)</p> <p><u>Revision Baseline Re-Test (Places)</u> Revision tool (knowledge organiser) Baseline Re-Test (places) lesson</p>	<p><u>Map Skills</u> What are map symbols? What is a compass rose and how do we use it to follow directions on a map? What is meant by the term relief and how is it shown on a map? How can we draw cross-sections? What are 4 figure grid references and how can we use them? What are 6 figure grid references and how can we use them? What is scale, and how can we use a scale to measure distances on a map?</p> <p><u>Revision Map Skills Test</u> Revision tool (knowledge organiser) Map skills test lesson</p> <p><u>Cities</u> What do we mean by rural and urban? What do urban areas look like? How urban are we in Cornwall? What is urbanisation and what causes it to happen? (push and pull factors) What are megacities and how are they distributed globally? What is GIS and how can we use it to see the growth of megacities? Exploring Sao Paolo (location, growth and variations in way of life)</p> <p><u>Revision Cities Test</u> Revision tool (knowledge organiser and mind-map) Cities Test lesson</p>	<p><u>Tropical Rainforests - Physical Geography</u> Where are tropical rainforests found on our planet? (location and distribution) What does a tropical rainforest look like? (tropical rainforest structure) How do plants adapt to conditions in tropical rainforests? (vegetation, soils) What is the climate like in tropical rainforests and how does it compare to the UK climate? (temperature and rainfall) Why is the climate like it is? How do animals adapt to conditions in tropical rainforests? (animals)</p> <p><u>Tropical Rainforests - Human and Environmental Geography</u> How do indigenous people live sustainably in tropical rainforests? (indigenous tribes) Why are tropical rainforests so important? (goods and services/economic activity) Why are tropical rainforests under threat? (deforestation/human use of natural resources) How can tropical rainforests be protected? (conservation and management)</p> <p><u>Revision Tropical Rainforests Test</u> Revision tool (flash cards and mind-map) Rainforest Test lesson</p> <p><u>Fieldwork Visit to the Eden Project (joint visit with Art Department)</u> Explore, collect and record evidence from the tropical rainforest biome (plants, climate, threats, conservation)</p>	<p><u>Introduction Lesson / Exploring Europe</u> What is the difference between a continent, region, country and city? What are physical and human features? What is an environmental region?</p> <p>Is Europe a continent, country or region? What cities and countries can be found in Europe and where are they located? What physical features can be found in Europe and where are they located? What environmental regions can be found in Europe and where are they located?</p> <p><u>Exploring your own continent, country or region</u> (Africa/Asia/Russia/China/India/Middle East) Is your place a continent, country or region? What cities and countries can be found in your place and where are they located? What physical features can be found in your place and where are they located? What environmental regions can be found in your place and where are they located?</p> <p><u>Comparing regions, continents & countries</u> What have I found out about Europe and my continent, country or region? What can I find out from other people about their continent, country or region? What is similar and different about these places?</p>	<p><u>River Drainage Basins</u> What is the water cycle and how does it work? What is a river drainage basin and what are its main features?</p> <p><u>River processes - Physical Geography</u> How do rivers erode? How do rivers transport material? How do rivers deposit material?</p> <p><u>River landforms - Physical Geography</u> What river landforms are there? Where are different landforms found along a river valley? How is a v-shaped valley formed? How is a gorge formed? How are waterfalls formed? How is a meander formed? How is an ox-bow lake formed?</p> <p><u>Revision Rivers Test</u> Revision tool (knowledge organiser) Rivers Test lesson</p> <p><u>Fieldwork Visit to Bodmin Moor (joint visit with English Department)</u> Explore upper river valley and landscape. Stream study - width, depth and velocity</p>	<p><u>Weather and Climate</u> What do we mean by weather? What is meant by climate? What is the difference between weather and climate?</p> <p><u>Weather</u> What types of weather can be measured? What instruments can be used to measure the weather? What units are used to measure weather?</p> <p><u>Microclimate fieldwork around the school</u> What is a micro climate? How does temperature, wind direction, wind speed vary around our school?</p> <p><u>Climate of the UK</u> How does climate (temperature and rainfall) vary around the UK? What is the climate usually like in the SW. SE. NE. NW of the UK?</p> <p><u>Climate Change</u> How has temperature changed over the last 450,000 years and 150 years? What is global warming and climate change? What is the greenhouse effect and how have humans enhanced/increased the greenhouse effect? What are the global impacts of climate change? (sea level rise/extreme weather) Is the UK getting more extreme weather? What is a carbon footprint? How can we reduce our carbon footprint individually and as a school?</p>
<p>Geographical Skills and fieldwork (Plus DNA Activities)</p>	<ul style="list-style-type: none"> Communicate geographical information through extended writing Annotating images Collect images Interpret images Annotate images Atlas work Use of base maps Annotate base maps with physical and human geographical features 	<ul style="list-style-type: none"> Using and interpreting OS Maps Using a Key and identifying symbols Using a compass rose Giving directions on OS maps Using contours & spot heights Relief shading on maps Drawing cross sections Using 4 figure grid references Using 6 figure grid references Using scale & measuring distances Using GIS (population growth) Atlas maps Describing distributions on maps Interpreting photos Interpreting written information Interpreting population data 	<ul style="list-style-type: none"> Mapping rainforests Atlas work Describing distributions Diagram drawing and annotation Annotating images Interpreting written information Interpreting climate data Climate graphs Calculations (mean, range) Interpreting aerial photographs GIS mapping Fieldwork Eden project - Explore, collect and record evidence from the tropical rainforest biome (plants, climate, threats, conservation of rainforests) 	<ul style="list-style-type: none"> Using an Atlas Using base maps Annotating maps with human and physical features Interpreting information from maps in an atlas Researching and collecting information from books and the internet 	<ul style="list-style-type: none"> Communicate geographical information through extended writing Diagram drawing and annotation Model creation Interpreting written information Interpreting diagrams OS map skills Landscape sketching Measuring and recording velocity along a river (fieldwork) Measuring and recording width and depth across a river (fieldwork) Calculating mean velocity 	<ul style="list-style-type: none"> Thematic maps Climate graphs Interpreting images Using units to measure weather Model making Collecting and recording weather data around the school Presenting data on graphs (bar graphs, proportional arrows, data tables) Calculating mean, maximum, minimum, range Interpreting line graphs Drawing and annotating diagrams Interpreting written information Using base maps Calculating carbon footprints
<p>Assessments</p>	<p>1. Baseline Test 2. Baseline Re-Test</p>	<p>3. Map Skills 4. Cities Test</p>	<p>5. Tropical Rainforest Test</p>		<p>6. Rivers Test</p>	
<p>Home Learning Opportunities</p>	<ul style="list-style-type: none"> What is Geography? Revision for re-test 	<ul style="list-style-type: none"> Contour model Revision Map Skills Test Mega City Research Task Revision for Cities Test 	<ul style="list-style-type: none"> Independent Rainforest Research Revision for rainforest test 	<ul style="list-style-type: none"> Map Creation Research using books and internet 	<ul style="list-style-type: none"> Journey down a river Revision for Test 	<ul style="list-style-type: none"> Weather instrument design Reduce my carbon footprint