

## Year 7 Geography Curriculum Map 2021-2022

Please read through the curriculum map and click on the suggested links. The key ideas are key words or questions that you may choose to research in more detail.

### September - October

Lesson overview		Key ideas	Suggested reading and links to websites
1	Types of geography	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. What is the difference between physical, human and environmental geography?</li> <li>2. Create a Venn diagram of the 3 types</li> <li>3. Find a photo of each type and label/annotate it to show all geographical links</li> </ol>	<a href="https://www.kingarthurs.org.uk/wp-content/uploads/2020/06/Year-6-Geography-Transition-Task.pdf">https://www.kingarthurs.org.uk/wp-content/uploads/2020/06/Year-6-Geography-Transition-Task.pdf</a>
2	Fieldwork - EmoScans	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Create a table to show: general emotion, comfort, litter, natural environment, noise and smell for 5 chosen places.</li> <li>2. Predict how you feel about these places.</li> <li>3. Visit the back and front of your house, the street outside, inside your house and a park or play area if you can, or just different rooms in your house.</li> <li>4. Score each emotion from 1 (worst) to 5 (best).</li> <li>5. Are the results as you expected? Explain.</li> </ol>	
3	Types of graph	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. What is the difference between discrete and continuous data?</li> <li>2. Look at the examples of a bar chart, pie chart, line graph, pictogram, frequency diagram and scatter diagram. Choose your favourite.</li> </ol>	<a href="https://www.bbc.co.uk/bitesize/guides/zrg4jxs/revision/1">https://www.bbc.co.uk/bitesize/guides/zrg4jxs/revision/1</a>

		<ol style="list-style-type: none"> <li>3. Create a graph to show the number of brothers and sisters, aunts and uncles and cousins that you have.</li> <li>4. Give the advantages and disadvantages of your chosen type of graph.</li> </ol>	
4	Types of map	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Give a brief definition of the 6 types of map.</li> <li>2. Find an example of each</li> <li>3. What are the advantages and disadvantages of each one?</li> <li>4. Draw a sketch map of your journey to school (or the shops if it is a shorter distance). What features have you added? Why?</li> </ol>	<a href="https://mocomi.com/types-of-maps/">https://mocomi.com/types-of-maps/</a>
5	GIS	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Watch the clip and explain what GIS means</li> <li>2. List the type of information found on the traffic news map</li> <li>3. How might this information help a delivery driver? The police?</li> </ol>	<a href="https://www.bbc.co.uk/bitesize/clips/zy6g9j6">https://www.bbc.co.uk/bitesize/clips/zy6g9j6</a> <a href="http://www.theaa.com/traffic-news/dartford/">http://www.theaa.com/traffic-news/dartford/</a>
6	Geography in the news	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Find an article in the news that relates to geography</li> <li>2. Summarise it in your book</li> <li>3. Explain how it links to geography (think about human, physical and environmental geography!)</li> </ol>	
7	Continents and oceans Note: This site also covers lessons on grid references, distance, direction and height on maps.	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Follow the instructions on the video and answer the questions.</li> </ol>	<a href="https://classroom.thenational.academy/lessons/location-knowledge-of-the-world-crukjt">https://classroom.thenational.academy/lessons/location-knowledge-of-the-world-crukjt</a>

## November- December

Lesson overview		Key ideas	Suggested reading and links to websites
1	Ordnance Survey Maps	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. What are OS maps?</li> <li>2. Explain what grid lines are.</li> <li>3. Research the OS symbols and draw these in your book.</li> <li>4. Find an OS map and write down the key features in that area.</li> </ol>	<b>Understanding map symbols with Steve Backshall and Ordnance Survey:</b> < <a href="https://www.youtube.com/watch?v=01NfYYkezys">https://www.youtube.com/watch?v=01NfYYkezys</a> >.
2	What is GIS?	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. Explain what GIS is.</li> <li>2. What is spatial information?</li> <li>3. Why do people use GIS?</li> <li>4. Use Google Earth: try finding some of the 7 wonders of the world.</li> <li>5. Create a poster to explain what GIS is.</li> </ol>	<b>What is a GIS:</b> < <a href="https://www.youtube.com/watch?v=-ZFmAAHBfOU">https://www.youtube.com/watch?v=-ZFmAAHBfOU</a> >.
3	Latitude and Longitude	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. Research the lines of latitude and longitude</li> <li>2. Explain how to use them to locate places on Earth.</li> <li>3. explain degrees and minutes</li> <li>4. Explain the main lines of latitude and longitude.</li> <li>5. What is the latitude and longitude for Rainham? London? Edinburgh? Cardiff? Manchester?</li> </ol>	<b>Dr. Nagler's Laboratory: Longitude and Latitude:</b> < <a href="https://www.youtube.com/watch?v=cTrsvGytGG0">https://www.youtube.com/watch?v=cTrsvGytGG0</a> >.
4	The UK	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. Find a blank map of the UK.</li> <li>2. Add the countries, capitals and main physical features of the UK.</li> <li>3. Colour in the mountains and lowlands of the UK.</li> </ol>	<b>Physical Geography of United Kingdom (UK) and Ireland [Map of UK and Ireland]:</b> < <a href="https://www.youtube.com/watch?v=1eNXMDjHbqs">https://www.youtube.com/watch?v=1eNXMDjHbqs</a> >.

## January- April

Lesson overview		Key ideas	Suggested reading and links to websites
1	Weather & Climate	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. What is the difference between weather and climate?</li> <li>2. Describe the ways that we measure weather.</li> <li>3. What causes the weather?</li> <li>4. What are the different types of weather?</li> <li>5. Where are the major climate zones?</li> </ol>	<b>Weather vs. Climate: Crash Course Kids #28.1:</b> < <a href="https://www.youtube.com/watch?v=YbAWny7FV3w">https://www.youtube.com/watch?v=YbAWny7FV3w</a> >.
2	Climate graphs	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. What is a climate graph?</li> <li>2. What does it show you?</li> <li>3. What do the bars represent?</li> <li>4. What does the line represent?</li> <li>5. Find a climate graph for a tropical rainforest and a desert.</li> <li>6. Then interpret the climate graphs for two contrasting places.</li> </ol>	<b>Climate Graphs - Geo Skills:</b> < <a href="https://www.youtube.com/watch?v=Wv6yHlOLpgM">https://www.youtube.com/watch?v=Wv6yHlOLpgM</a> >.
3	Microclimates	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. What is a microclimate?</li> <li>2. Describe what causes microclimates.</li> <li>3. Create a poster on the factors which affect microclimates.</li> </ol>	<b>Identifying Microclimates:</b> < <a href="https://www.youtube.com/watch?v=PzWhnucIhA">https://www.youtube.com/watch?v=PzWhnucIhA</a> >.
4	Water cycle	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. What is the water cycle?</li> <li>2. Draw a diagram of the water cycle in your books.</li> <li>3. What are the three different causes of rainfall?</li> </ol>	<b>The Water Cycle   The Dr. Binocs Show   Learn Videos For Kids:</b> < <a href="https://www.youtube.com/watch?v=ncORPosDrij">https://www.youtube.com/watch?v=ncORPosDrij</a> >.
5	Ecosystems	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>1. Define the following key words:             <ul style="list-style-type: none"> <li>• Ecosystems</li> <li>• Flora</li> <li>• Fauna</li> </ul> </li> <li>2. Describe a UK ecosystem.</li> <li>3. Identify organisms and key characteristics of that ecosystem.</li> <li>4. Research what types of flora and fauna live in a pond ecosystem in the UK.</li> </ol>	<b>ECOSYSTEM - The Dr. Binocs Show:</b> < <a href="https://www.youtube.com/watch?v=sKJoXdrOT70">https://www.youtube.com/watch?v=sKJoXdrOT70</a> >.

6	Biomes	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. What are biomes?</li> <li>2. Describe the distribution of the 8 key biomes.</li> <li>3. What are the characteristics of each biome?</li> <li>4. Create a poster (double A4 page) on all the biomes.</li> </ol>	<p><b>BIOMES - Elementary Educational &amp; Informational Earth Science Video:&lt;</b>  <a href="https://www.youtube.com/watch?v=vWE2xDur4dw&amp;t=154s">https://www.youtube.com/watch?v=vWE2xDur4dw&amp;t=154s</a>&gt;.</p>
7	Savannah	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Write down locations that have Savannah.</li> <li>2. Identify the key characteristics of the Savannah biome.</li> <li>3. Research the Savannah. Write down at least 10 key facts.</li> <li>4. Name the flora and fauna of that biome.</li> </ol>	<p><b>Savanna Grassland Biome Facts:&lt;</b>  <a href="https://www.youtube.com/watch?v=nKnV_7QzpNo">https://www.youtube.com/watch?v=nKnV_7QzpNo</a>&gt;.</p>
8	Tropical rainforest	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Write down the locations that have tropical rainforests.</li> <li>2. Identify the key characteristics of the tropical rainforest biome.</li> <li>3. Research the tropical rainforest. Write down 10 key facts.</li> <li>4. Name the flora and fauna of that biome.</li> </ol>	<p><b>The Tropical Rainforest Biome Facts:&lt;</b>  <a href="https://www.youtube.com/watch?v=FK_j4BtX3So">https://www.youtube.com/watch?v=FK_j4BtX3So</a>&gt;.</p>
9	Deserts	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Write down the locations that have deserts.</li> <li>2. Identify the key characteristics of the desert biome.</li> <li>3. Research the desert. Write down 10 key facts.</li> <li>4. Name the flora and fauna of that biome.</li> </ol>	<p><b>Desert Biome Facts:&lt;</b>  <a href="https://www.youtube.com/watch?v=l3iqOBaCsMs">https://www.youtube.com/watch?v=l3iqOBaCsMs</a>&gt;.</p>
10	Adaptations	<p><u>Answer the following questions:</u></p> <p><b>Design an organism that is adapted to a particular biome- A3</b></p> <ul style="list-style-type: none"> <li>• Invent a plant or animal that is adapted to a specific biome.</li> <li>• Identify characteristics of how certain species are adapted to a specific environment.</li> </ul>	<p><b>Adaptations In Plants   What Is ADAPTATION?</b>        :&lt;<a href="https://www.youtube.com/watch?v=ca99WW_v0bA">https://www.youtube.com/watch?v=ca99WW_v0bA</a>&gt;.</p>
11	World soils	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Why soils are important in shaping the environment?</li> </ol>	<p><b>Who Needs Dirt?: Crash Course Kids #27.1:&lt;</b>  <a href="https://www.youtube.com/watch?v=eCSlrIk0GTs">https://www.youtube.com/watch?v=eCSlrIk0GTs</a>&gt;.</p>

		2. Describe the distribution of soil types. 3. Create an information leaflet on the importance of soils.	
--	--	---	--

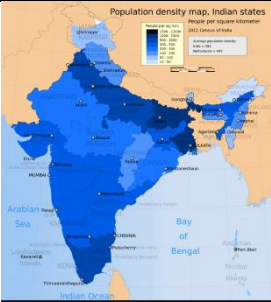
### May- June

Lesson overview		Key ideas	Suggested reading and links to websites
1	The physical diversity of the UK	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>Where are uplands and lowlands of the UK?</li> <li>What is the Tees-Exe line?</li> </ol>	<b>Oak academy:</b> < <a href="https://classroom.thenational.academy/units/major-landscapes-of-the-uk-4974">https://classroom.thenational.academy/units/major-landscapes-of-the-uk-4974</a> >. [1] Lesson.
2	Coastal landscapes: Waves	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>What are waves?</li> <li>Draw a small diagram of a wave and label the key parts.</li> <li>Split an A4 page in half and compare the two types of waves: Constructive and destructive. Include a diagram.</li> </ol>	<b>Oak academy:</b> < <a href="https://classroom.thenational.academy/units/coasts-efff">https://classroom.thenational.academy/units/coasts-efff</a> >. [15] lessons.
3	Weathering and mass movement	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>Define weathering.</li> <li>Explain the two types of weathering: Chemical and Mechanical (physical).</li> <li>Explain and compare the different types of mass movement e.g., Sliding and rockfalls.</li> </ol>	5 mins<  <b>GCSE (9-1) Geography - Erosion, Weathering, and Mass Movement:</b> < <a href="https://www.youtube.com/watch?v=w-w-pAtRRtU">https://www.youtube.com/watch?v=w-w-pAtRRtU</a> >.
4	Marine processes	<u>Answer the following questions:</u> <ol style="list-style-type: none"> <li>Explain what hydraulic action, abrasion and attrition are.</li> <li>How is material transported along beaches?</li> <li>What is longshore drift?</li> <li>What is deposition?</li> </ol> <p><b>Case study:</b> Dorset coast: Write a small summary of the geology and landforms on the coastline.</p>	<b>Landforms Coasts (GCSE Geography):</b> < <a href="https://www.youtube.com/watch?v=ZWEJq03NBao&amp;t=439s">https://www.youtube.com/watch?v=ZWEJq03NBao&amp;t=439s</a> >

5	Coastal management	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Why does the coast need to be protected?</li> <li>2. What are hard engineering strategies? Give an overview.</li> <li>3. What are soft engineering strategies? Give an overview.</li> <li>4. Research the costs and benefits of each type. Create a key: Social, economic &amp; environmental.</li> </ol> <p><b>Case study:</b> Coastal realignment in Medmerry</p>	<p><b>GCSE (9-1) Geography - Coastal Management:</b> &lt;  <a href="https://www.youtube.com/watch?v=6bdTRMyFJqE">https://www.youtube.com/watch?v=6bdTRMyFJqE</a>&gt;.</p>
---	--------------------	---	---

## July

Lesson overview		Key ideas	Suggested reading and links to websites
1	India	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"> <li>1. Where is India? Write a description in your book.</li> <li>2. What is India like? Research 10 key facts about India.</li> <li>3. Print out a blank map of India. Add the key physical and human features to the map. <ul style="list-style-type: none"> <li>• Locate 10 cities on your maps</li> <li>• Add the river Ganges</li> <li>• Add the capital city</li> <li>• Add the Himalayas</li> <li>• Add the Arabian sea and the Bay of Bengal.</li> <li>• Add bordering countries: Bangladesh, Bhutan, Burma, Nepal, China, Sri Lanka and Pakistan.</li> </ul> </li> <li>4. Research key facts about the culture, economy and environment in India.</li> </ol>	<p><b>Sights and Sounds of India   National Geographic:</b> &lt;  <a href="https://www.youtube.com/watch?v=B_SXNcugcl">https://www.youtube.com/watch?v=B_SXNcugcl</a>&gt;</p>

2	Population	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"><li>1. What do we mean by population?</li><li>2. What is a choropleth map?</li><li>3. What is a population density map?</li><li>4. What do we call an area which has a lot of people per km<sup>2</sup>?</li><li>5. What do we call an area which only has a few people per km<sup>2</sup>?</li><li>6. Describe the distribution of Asia's population.</li><li>7. Describe the distribution of India's population.</li><li>8. What regions or cities have the most people?</li></ol>							
3	Indian slums	<p><u>Answer the following questions:</u></p> <ol style="list-style-type: none"><li>1. What are slums?</li><li>2. Why do people live there?</li><li>3. <b>Case study:</b> Dharavi</li></ol> <p>Create a table:</p> <table><tr><th>Social</th><th>Environmental</th><th>Economic</th></tr><tr><td></td><td></td><td></td></tr></table> <p>Watch the two videos by Kevin McCloud and write down any observations or statistics mentioned in the episodes.</p> <ol style="list-style-type: none"><li>4. Imagine you are living in the slums. Write a short story on life in the slums</li><li>5. Should Dharavi be redeveloped? Create a for and against argument.</li></ol>	Social	Environmental	Economic				<p><b>Kevin McCloud:</b> <b>Slumming It (2010) - Ep1:</b>&lt; <a href="https://www.youtube.com/watch?v=Im0tHRs9Bng">https://www.youtube.com/watch?v=Im0tHRs9Bng</a>&gt;.</p> <p><b>Kevin McCloud:</b> <b>Slumming It (2010) - Ep2:</b>&lt; <a href="https://www.youtube.com/watch?v=l-yjpvzGKZQ">https://www.youtube.com/watch?v=l-yjpvzGKZQ</a>&gt;.</p>
Social	Environmental	Economic							