

Lesson Title	Vocab	Concept	Retrieval	Success Criteria	Independent Task
<p>W1 L1</p> <p>To review prior knowledge for Global Oceans</p>	<p>photosynthesis</p> <p>carbon dioxide</p> <p>solar radiation</p> <p>greenhouse effect</p> <p>governance</p> <p>citizen</p>	<p>Environmental geography</p> <p>Climate systems</p> <p>Citizenship links</p>	<p>How do oceans connect to climate and governance?</p>	<p>I can define key terms such as governance and photosynthesis.</p> <p>I can identify the five major oceans on a map.</p>	<p>Label a world map with the five oceans and complete KO page.</p>
<p>W1 L2</p> <p>To understand what oceans are</p>	<p>ocean</p> <p>sea</p> <p>seafloor</p> <p>elevation</p> <p>salinity</p> <p>nutrients</p> <p>characteristic</p> <p>oceanographer</p>	<p>Physical geography</p> <p>Geographical skills.</p>	<p>Different water bodies and ocean layers.</p>	<p>I can describe the three main layers of the ocean and their characteristics.</p>	<p>Label and annotate a cross-section of ocean layers.</p>
<p>W2 L3</p> <p>To understand who owns the oceans</p>	<p>marine</p> <p>monitor</p> <p>rights</p> <p>nautical mile</p> <p>United Nations</p> <p>Law of the Sea</p> <p>Northwest Passage</p>	<p>Geopolitics</p> <p>Resource governance</p>	<p>How ocean governance differs from land.</p>	<p>I can explain how ocean waters are governed and why disputes occur.</p>	<p>Analyse a bar chart showing protected waters.</p>

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	territory dispute				
W3 L4 To understand how oceans regulate climate	ocean current saline regulate redistribute ocean conveyor belt Gulf Stream	Environmental geography Climate regulation	Ocean currents and heat transfer.	I can explain how the ocean conveyor belt works and its role in climate regulation.	Describe how the Gulf Stream affects Europe.
W3 L5 To understand how oceans store carbon	carbon sink carbonic acid ocean acidification dissolve phytoplankton decompose absorb marine	Environmental geography Climate science	Carbon cycling and marine ecosystems.	I can explain how oceans store carbon and the risks of acidification.	Apply knowledge to an image stimulus.
W4 L6	coral polyp coral reef coral colony	Ecosystems Biodiversity	Marine biomes and coral structures.	I can describe the features of coral reefs and how	Map the Coral Triangle and describe reef distribution.

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To understand what lives in the ocean	exoskeleton limestone calcium carbonate upwelling Coral Triangle			coral polyps survive.	
W5 L7 To analyse how climate change threatens coral reefs	coral bleaching coral stress algae toxin expel recovery biodiversity	Environmental change Human impact on ecosystems	Bleaching process and consequences.	I can explain coral bleaching and how climate change causes it.	Interpret data on bleaching events from bar chart.
W5 L8 To evaluate ocean resource use	overfishing seabed mining minerals manganese polymetallic nodule sediment plume replenish bottom trawling wave power	Resource management Sustainability	Fossil fuels, fishing and wave energy.	I can evaluate the pros and cons of using ocean resources.	Decision-making exercise on managing marine industries.

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<p>W6 L9</p> <p>To explore ocean data using GIS</p>	<p>spatial pattern</p> <p>GIS application</p> <p>real-time data</p> <p>uneven</p> <p>equator</p> <p>concentration</p>	<p>Geographical skills</p>	<p>GIS use for climate and ocean features.</p>	<p>I can describe ocean patterns using a GIS map.</p>	<p>Use Windy GIS to explore ocean currents.</p>
<p>W7 L10</p> <p>To review and assess Unit 1 knowledge</p>		<p>Knowledge recall</p> <p>Formative assessment</p>	<p>Key terms, maps, and concept links.</p>	<p>I can recall key content from the unit using a multiple-choice quiz.</p>	<p>Complete Unit 1 Checkpoint quiz and peer review.</p>
<p>W7 L11</p> <p>To improve understanding from the checkpoint</p>		<p>Targeted reteach</p> <p>Retrieval practice</p>	<p>Checkpoint misconceptions.</p>	<p>I can improve areas where I was unsure or made mistakes.</p>	<p>Re-attempt quiz questions.</p>
<p>W8 L12</p> <p>To explain why oceans are important</p>		<p>Communicating geographical understanding</p> <p>Writing</p>	<p>Oceans as climate regulators and biodiversity hubs.</p>	<p>I can explain why oceans are important using examples and key terms.</p>	<p>Complete a structured written response and improve it with feedback.</p>