

Video summary	Before watching the video	During the video
<p>A short-animated film for secondary schools describing the factors that determine the climate of a country and the main climate zones of the world.</p> <p>It also considers climate change and how it will present significant challenges for human, animal and plant life.</p>	<p>Ask students what they believe to be the difference between weather and climate. Go further, and ask what different types of climate there are.</p> <p>A map of the world could be shown to students whilst asking them how the climate changes as they move away from the equator.</p> <p>Introduce key terms such as:</p> <p>Latitude: The angular distance from the equator.</p> <p>Altitude: Height above sea level.</p>	<p>You may wish to stop at relevant points during this short film to pose questions and check understanding or wait until the end. Useful questions might include:</p> <ul style="list-style-type: none"> • How does latitude affect the climate? • How does altitude affect the climate? • How do ocean currents affect the climate? • What are polar climates like? • What are temperate climates like? • What are arid climates like? • What are tropical climates like? • What is the Mediterranean climate like? • What are continental climates like?
After watching		
<p>After watching this short film, students could explore the impact of climate change on the different climate zones around the world. They could investigate why we have varying climate zones and which natural processes have led to their creation.</p> <p>Students could also make links to the different biomes. Show students a climate zone map and overlay this with the different biomes – what do they notice?</p> <p>Students could then explore how human activity has impacted on climate zones and what might happen if climate change continues at current rates.</p>		

Curriculum notes	Where next?	Links
<p><i>This short film is relevant for teaching geography at KS3 in England, Wales and Northern Ireland and 3rd and 4th Level in Scotland.</i></p> <p>This short film helps meet the requirement of the Key Stage 3 national curriculum in geography requirement to develop and understanding of:</p> <ul style="list-style-type: none"> physical geography relating to: geological timescales and plate tectonics; rocks, weathering and soils; weather and climate, including the change in climate from the Ice Age to the present; and glaciation, hydrology and coasts. 	<p>Ask students to research the different biomes and the climate that those locations experience, for example:</p> <ul style="list-style-type: none"> The tundra The taiga The temperate forests The tropical rainforests The semi-arid grasslands. 	<p>KS3 Climate: https://www.bbc.co.uk/bitesize/articles/zqqvf82</p> <p>Climate zones: https://www.bbc.co.uk/bitesize/topics/z6hv9j6/watch/zxx42hv</p> <p>Climate zones of the world: https://www.bbc.co.uk/bitesize/guides/zrrjky/revision/2</p>