

Video summary	Before watching the video	During the video
<p><b>A short film for secondary schools explaining the various types of erosion and illustrating the dramatic effect the process has had on landscapes across the world.</b></p> <p>It charts the impact erosion has on landscapes and how different types of erosion cause the land to wear away in different ways.</p>	<p>Ask students what they think is meant by the word erosion. The etymology of the word could be looked at to see whether students can create a definition based in the etymology.</p> <p>Show students a range of landforms and ask students how they think they are formed.</p> <p><b>Introduce key terms such as:</b>  <b>Erosion:</b> The process where natural forces like wind, water, or ice wear away and transport soil, rock, and other materials from one location to another.  <b>Meander:</b> A bend in the river  <b>Glacier:</b> A slow-moving river of ice.</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"> <li>• What are the four main types of water erosion?</li> <li>• Describe abrasion.</li> <li>• Describe attrition.</li> <li>• Describe solution.</li> <li>• Describe hydraulic action.</li> <li>• What river landforms are created by erosion?</li> <li>• Name a landform created by glacial erosion?</li> <li>• What coastal landforms are created by erosion?</li> <li>• What problems can erosion cause?</li> <li>• What is increasing erosion in the UK?</li> </ul>
<b>After watching</b>		
<p>Ask students to draw diagrams of the different type of erosion in the context in which they happen. They should accompany this with a description of each and then use this information to help them to answer an exam style question such as “Describe how a river erodes its channel”.</p> <p>Look at a range of different landforms that have been created by erosion. Ask students to predict how they were formed based on their knowledge of erosion. Students could then draw how each landform has been created as a storyboard or a flow chart, using subject specific vocabulary to describe each stage of its formation.</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"> <li>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.</li> </ul>	<p>Choose a location which is experiencing dramatic coastal erosion such as Happisburgh in Norfolk. What are the impacts of coastal erosion?</p> <p>Categorise the impacts into social, economic and environmental.</p> <p>What responses have there been to the erosion, for example have coastal defences been built or have local people tried to defend their homes.</p>	<p>River processes:  <a href="https://www.bbc.co.uk/bitesize/guides/zq2b9qt/revision/1">https://www.bbc.co.uk/bitesize/guides/zq2b9qt/revision/1</a></p> <p>Coastal processes:  <a href="https://www.bbc.co.uk/bitesize/guides/zt6r82p/revision/4">https://www.bbc.co.uk/bitesize/guides/zt6r82p/revision/4</a></p> <p>Glacial processes:  <a href="https://www.bbc.co.uk/bitesize/guides/zxn87hv/revision/2">https://www.bbc.co.uk/bitesize/guides/zxn87hv/revision/2</a></p>