

Video summary	Before watching the video	During the video
<p><b>A short film for secondary schools explaining glaciation: what it is, how it shapes the land and the effects of climate change on the world's glaciers.</b></p> <p>The film gives examples of glacial processes and provides an opportunity for students to put these into context through fieldwork or by investigating secondary sources.</p>	<p>Show students images of glaciers and ask what they can see. Ask students what vocabulary they would use to describe those locations.</p> <p><b>Introduce key terms such as:</b></p> <p><b>Glacier:</b> A slow-moving river of ice.</p> <p><b>U-shaped valley:</b> A wide steep-sided valley with flat bottom.</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 glaciers?</li> <li>• How are glaciers formed?</li> <li>• What happens to glaciers as they move?</li> <li>• What is rock flour?</li> <li>• In the UK where is there evidence of glacial activity?</li> <li>• What impact is climate change having on glaciers?</li> <li>• What would happen if all of the glaciers were to melt?</li> </ul>
<b>After watching</b>		
<p>Look at a range of glacial landforms and ask students how they think they were formed. Discuss glacial processes with students and ask students to draw and annotate the range of different glacial processes.</p> <p>Students could also explore a range of different glacial landscapes and draw field sketches of those locations, annotating the processes and landforms that they can see.</p> <p>Students could also create a glossary of key terms as they learn about the range of different processes and landforms that are created by glaciers.</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>Use VR Glaciers to explore glaciated landscapes. A range of glaciated landscapes can be explored, including California.</p> <p>VR Glaciers enables a 360-degree view of a location and the ability to move through the landscape to see how glaciated landscapes change.</p> <p><a href="https://vrglaciers.wp.worc.ac.uk/wordpress/">https://vrglaciers.wp.worc.ac.uk/wordpress/</a></p>	<p>KS3 Glaciation: <a href="https://www.bbc.co.uk/bitesize/topics/zpcqxn timer">https://www.bbc.co.uk/bitesize/topics/zpcqxn timer</a></p> <p>Glaciated landscapes: <a href="https://www.bbc.co.uk/bitesize/articles/z83qwnb">https://www.bbc.co.uk/bitesize/articles/z83qwnb</a></p> <p>Glacial processes and landforms: <a href="https://www.bbc.co.uk/bitesize/guides/zxn87hv/revision/1">https://www.bbc.co.uk/bitesize/guides/zxn87hv/revision/1</a></p>