

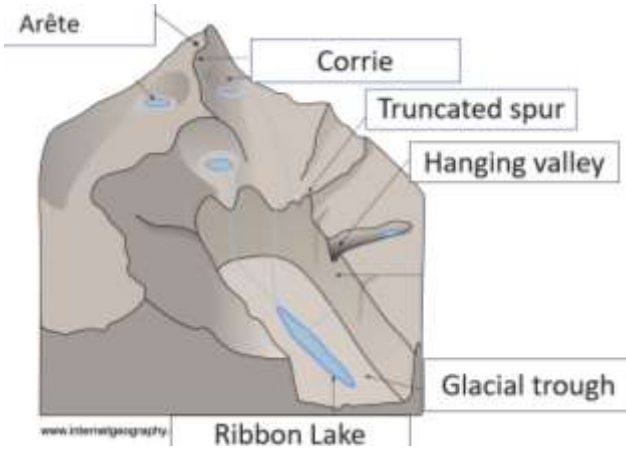
# Year 8 Topic 6: Ice on land

What is a glacier?

They are massive bodies (areas) of moving ice. Like a river! But they move much more slowly. Here is a glacier in Pakistan.



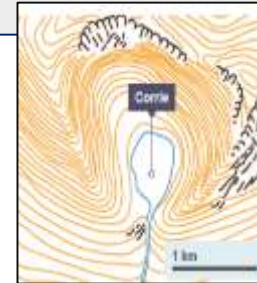
What are the different glacial landforms?  
One example is a large U shaped valley. This is the area where the glacier is or was in the past.



What are the different glacial processes?  
Glaciers erode, just like rivers, but some of the processes are a little different. Plucking is when the glacier removes material from the land.



We can see glacial landforms on Ordnance Survey maps (OS maps). For example, this is a corrie. The orange contour lines show the shape.



Where were glaciers in the UK?



The map shows where in the UK was covered by ice. It had a huge impact in shaping landscapes in these areas, for example in the Lake District and Snowden.



Today, these landscapes are popular for tourism but also energy production, like wind power.

Many of the world's glaciers are reducing in size due to rising temperatures. This has many negative impacts such as

- Reduced water supplies
- Impact on agriculture
- Rising sea levels
- Impact on tourism

