

Activity 7: Geomorphological Mapping



Curriculum Links Wales:

- Humanities
- Health & Well-being
- Science & Technology

Curriculum Links

England:

Glaciated landscapes; landforms and processes; practical skills; interpreting the past

Time: 2-4 hours

Resources to download:

geomorphological map
worksheet

Other resources

required: clipboard, pencil, GPS device (optional)

Group size: whole class

Outline Plan for Activity:

- At the visitor centre give out the learner worksheets.
- As you walk around the reserve, ask learners to add features to their map, using the keywords at the bottom of the worksheet as a guide.
- As they add a feature, they should note the symbol they have used on the key, give it a site number and add the latitude and longitude. to the site number grid on the side.
- If you have devices which can measure latitude and longitude in the field, you should try to record locations as you go. If you don't have GPS enabled devices available, you can find the latitude and longitude of your sites retrospectively by using websites such as latlong.net

Classroom activity ideas you could try before or after your visit:

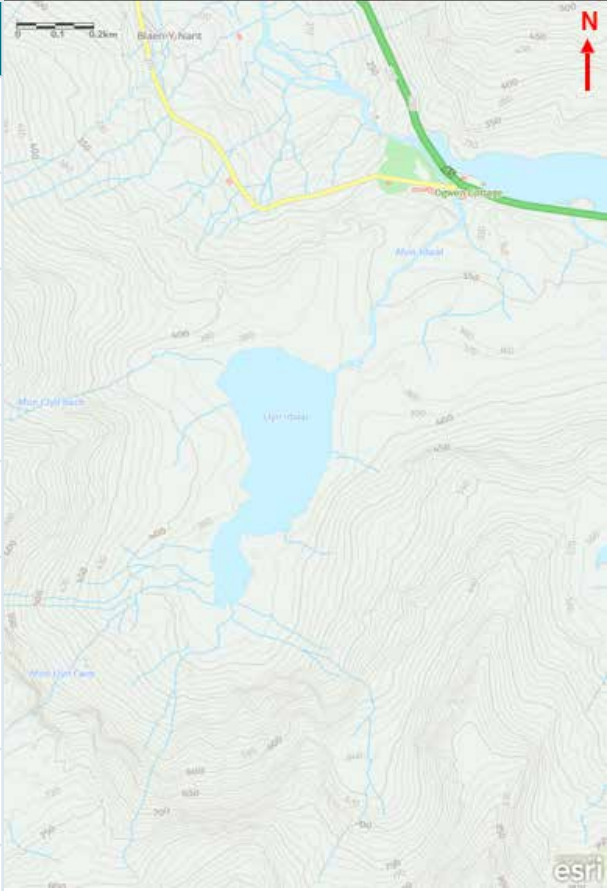
- research task on Brit ice
- Using the i-geology BGS app
- geo-locate your data using latlong.net
- Set up a school esri account to manipulate your data on a map
- Learn about grid references, latitude and longitude. Practice taking bearings on a compass around school grounds

➤ **GO TO ORDANNACE SURVEY MAP ZONE**

Activity 7 worksheet: Geomorphological Mapping

Key

Site No.	Symbols	Latitude	Longitude	Grid Reference



scree slope	arête	back wall of cwm/corrie	moraine (lateral, hummocky, recessional)	evidence of footpath management / erosion
local erratics	glacial trough	cwm/corrie lip	hanging valley	striations