

## Suggestions on how to use the Joyce Country & Western Lakes geopark project region as a case study for JUNIOR CYCLE GEOGRAPHY CURRICULUM

The table below provides suggestions and ideas for teachers to use to incorporate aspects of the Joyce Country & Western Lakes geopark project within their classrooms. We want to encourage using the geopark region as an outdoor classroom, as a case study area and for the people living within it to realise what a special area it is and be proud of where they live.

We hope to design resources in conjunction with teachers, so if you are interested in working with us, please [contact us](#). We look forward to hearing from and working with you.

Please note, the curriculum information is correct as of April 2020. Only the strand units that apply to the geopark project are mentioned here.

Level: JUNIOR CERT (curriculum <a href="#">webpage</a> )	Ideas on how to incorporate JCWL geopark with your teaching
1.2 distinguish between different categories of rock type, referring to composition and formation	1.2 Use samples of rocks around geopark area to distinguish between the different categories of rock. Intro to the geological history of the area and how the rocks formed and relationships between them
1.3 analyse the processes and effects of weathering and mass movement on our landscape	1.3 Case study around Lough Nafooeu area. Lots of recorded landslides in area (can see on Geological Survey Ireland's <a href="#">Landslide Events</a> map viewer). Go in to why that area is susceptible to mass movement
1.5 explain how the processes of erosion, deposition and transportation shape our fluvial, marine, and glacial landscapes	1.5 Geopark area as a case study for how these processes shaped the landscape. Intro to the geological history of the area and how the relationships between what you find in geopark area
1.7 investigate the formation and behaviour of a significant weather event	1.7 Use examples around geopark area as case studies e.g. behaviour (flooding) of an area in geopark in response to a significant weather event (storm e.g. the storms of Autumn 2019/ early 2020)
1.10 investigate a range of physical processes active in a chosen location and the connections between them	1.10 Geopark area as a case study for physical processes occurring within it and the connections between them
2.3 identify how the physical landscape influences the development of primary activities	2.3 Geopark area as a case study for how the physical landscape of the geopark influences the development of primary activities e.g. mountains -> guiding; lakes -> fishing; unique geology -> services e.g. accommodation
2.9 assess the interrelationships between the physical world, tourism and transport	2.9 Geopark area as a case study for the interrelationships between physical world, tourism and transport. This learning outcome essentially relates to what a Geopark is.



CBA 1: Geography in the News

Focus your CBA on anything that has happened in the news within the geopark region e.g. the Joyce Country & Western Lakes geopark project becoming established, videos on the news of some of the businesses (e.g. Joyce Country Wool), the June 2021 virtual conference and focus on Learning Outcome 2.9.

CBA 2: My Geography

Focus your CBA on a certain area within the geopark project region e.g. collect measurements from nearby rivers, glacial features. Possibilities to link CBA 2 with Learning Outcomes 1.2, 1.3, 1.5, 1.7, and 1.10. It is a good opportunity to gather measurements and data from field trips and display the data in graphical forms (bar charts, rose diagrams, etc) and interpret as part of the CBA.



TIONSCADAL GEOPHÁIRC

**Dhúiche Sheoigheach  
& Lochanna an Iarthair**

JOYCE COUNTRY & WESTERN LAKES GEOPARK PROJECT