

## The Real Map of Ireland Lesson Plans

### Lesson plan 6:

## The Real Map of Ireland – Learning about the Seabed terrain Make a Seabed Collage

### Aim / Description:

The seabed terrain is similar to the land we live on and the areas that are like mountains, canyons and flat deserts. This can sometimes be difficult for children to comprehend as they can not see it.

By making a collage using the 3D illustration of the seabed teachers can introduce the concept that the seabed is not flat and helping students become familiar with the different physical aspects of the seafloor and features of its terrain.

### Materials:

Teachers will need

- The Real Map of Ireland
- Fact sheet- Learning about the seabed terrain
- Illustration of the seabed with names of terrain features (A3) (this can be used as a template for students to colour or they can create their own)

Students will need

- The Real Map of Ireland (A4)
- Items to create a collage e.g. old magazine, photos, paint, glue, recycled items such as bottle tops, cardboard egg cartons, shells, stones and sand.
- Illustration of the seabed with names of terrain features

### Lesson in action:

- Work through the Fact Sheet using the Real Map of Ireland and the illustration of the seabed.
- Discuss with the students the similarities between this illustration and the land around them. As the students can not see under the sea, it is easier for them to compare the seabed terrain to something they can relate to e.g. Mountains, hills, canyons, desert, etc. Also look at what species of plants and animals might live in the different areas such as seaweeds, coldwater coral and fish.
- Use recycled items to develop a collage of the Real Map of Ireland showing the concept of the different terrain under the seabed.
- Get the students to draw their own 3D illustration of the underwater terrain showing the abyssal plain, seamounts, ridges, trenches, continental slope and shelf encouraging students to be as inventive and creative as they like – i.e. what lies beneath the sea?.

### Outcome:

- Students learn geographical investigation skills about the seabed terrain
- Students learn creative skills such as texture and colour.

