

Lesson 3

Bradán tells her story



EXPERIMENT

Landslide

AIM

The purpose of this experiment/demonstration is to help explain to pupils landslide or soil erosion. The pupils can set up this experiment/demonstration under the supervision of a teacher.

YOU WILL NEED

- An old Baking Tray
- Clay/Soil and small sized stones
- Grass cuttings
- Twigs with leaves
- Toy house and sheep
- Water and Watering Can

METHOD

- 1 Put soil/clay at one end of the old Baking Tray. Place grass cuttings on top, which represents the land and vegetation. Add the Leafy twigs, which can represent trees. Add a house and some sheep.
- 2 In the space at the other end of the Baking Tray, make a stream by adding water. Place the stones in the water, which can represent the gravel in the stream.
- 3 Fill the Watering Can with water and pour water over land to demonstrate heavy rain. Observe and record what happens.



EXPERIMENT

Landslide

METHOD

- 4 Now, remove the twigs and grass and pour water over land again to demonstrate heavy rain. Observe and record what happens.

RESULTS

The grass, leaves and twigs catch most of the water when poured over the land. When these twigs, leaves and grass are removed and water is then poured over the land, the soil begins to move and slips into the stream. This is a very effective demonstration of a landslide