



Provincial Department Of Education – Sabaragamuwa
WEEKLY SCHOOL

Subject : Science

Grade 7

Week : 05th of 2nd Term

Unit 8 – The Nature of the Earth(2)

➤ The structure of the earth

Activity 8.1

Preparation of a replica of the internal structure of the earth

You will need :- 35 x 35 cm piece of cardboard, saw dust, paint in three colours, glue

Method :-

- Draw a circle with a radius of 1 cm at the centre of the cardboard.
- Draw a circle with a radius of 7 cm which is concentric with the above circle.
- Draw another circle with a radius of 13 cm which is concentric of above two circles.
- Now you will get a Figure like 8.5 b.
- Put saw dust in three colours.
- Paste them on three layers and name them.
- Now show your creation to the classroom.

Activity 8.2

Preparation of a three dimensional replica of the internal structure of the earth

You will need :-

Clay in three colours, a sharp knife

Method :-

- Make a globe of the size of a lime using clay of one colour.
- Taking a half of the diameter of the previous globe, paste a separate coloured layer of clay on the top of the globe.
- On the top of the second clay layer, paste a different colour of clay layer which is thin as much as possible.



Figure 8.6 ▲ Model of the internal structure of the earth

- Use a sharp knife and cut the clay globe you made into two equal halves.
- The above cross section of the clay globe shows how inner layers are placed.



Assignment 8.1

Prepare the model made in Activity 8.2 using clay/ Polystyrene/ paper pulp. Cut them into two equal halves and examine the cross section of the models.