



Provincial Department Of Education – Sabaragamuwa  
WEEKLY SCHOOL

Subject : Science

Grade 7

Week : 11<sup>th</sup> of 3<sup>rd</sup> Term

**Unit 18 – Minerals and Rocks(2)**

o Rock weathering

Due to many reasons the rocks on earth break into pieces and form soil. This process is known as ..... Rock weathering occurs in three ways.

1. ....
2. ....
3. ....

• Physical/mechanical weathering

**Activity 18.2**

**You will need :-** A glass marble, forceps, a burner, a container with water

**Method :-**

- Use the forceps and heat the glass marble.
- When it gets heated put it into the water basin.
- Take out the marble and check it.

• Chemical weathering

**Activity 18.3**

**Test whether acids cause rock weathering**

**You will need :-** A limestone, vinegar, a glass container

**Method :-**

- Fill the glass container with vinegar.
- Put the piece of limestone into that container.
- Record your observations.

• Biological rock weathering

**Activity 18.4**

**Observing how a rock weathers naturally**

**Method :-**

- Find a big rock near your house or school.
- Find a place where a lichen can be seen on it.
- Check the texture of things near that lichen (check with your fingertips) once in two weeks for about six months.
- Observe them with a hand lens.



Figure 18.10 ▲ Lichen on a rock