



Provincial Department Of Education – Sabaragamuwa
WEEKLY SCHOOL

Subject : Science

Grade 7

Week : 11th of 2nd Term

Unit 10 – The Correct use of the Microscope(1)

✓ Complete the following activities using the textbook or other appropriate learning resources.

Activity 10.1

You will need :-
A closed glass bottle filled with water, a glass sphere, a glass slide with a drop of water, a sealed transparent polythene bag filled with water, a water filled filament bulb sealed with wax

Method :-
Observe small letters by using each of the above instruments or substances.

Activity 10.2

Observe the letters that you used in the above activity using a hand lens. Make sure to adjust only the object (letters) and do not change the distance between the lens and the eye.

➤ **Resolution is**

Activity 10.5

You will need :- A white paper, a pencil or a pen, two hand lenses

Method :-

- Mark two dots with a minimum distance of not touching each other.
- Observe the distance between the two dots and their magnification by using a hand lens.

- Now use two hand lenses to observe the distance between two dots and their magnification.