LAB ACTIVITY

TOPIC: LIGHT

Experiment No. 1

Refraction through water

AIM: To observe refraction through water

Materials Required: Transparent glass tumbler, Tap water, Color pencil or Scale

PROCEDURE:

Step 1: Fill ¾ of the glass tumbler with water.

Step 2: Dip a pencil or scale in the water in a slanting position

Step 3: Observe the pencil or scale in water

OBSERVATION AND RESULT:

Pencil appears to be bent underwater.

INFERENCE:

The pencil dipped in water in a glass tumbler appears to be bent because the light rays travels from one medium (rarer) to another medium (dense) it bends towards the normal at the surface of interface this phenomenon is known as refraction.