

# STATE LEVEL ASSESSMENT

SESSION 2019-20

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## FORMATIVE ACTIVITIES

Class: 6

Subject: Science

Paper Code: 6073

Maximum Marks: 10

Instruction: Each activity carries 05 marks. Teacher can choose one activity from each section.

### SECTION - A

(Marks: 05)

**LO – SCI 606-** Explains processes and phenomenon, e.g., processing of plant fibres; movements in plants and animals; formation of shadows; reflection of light from plane mirror; variations in composition of air; preparation of vermicompost, etc.

#### Activity 1. Making Compost

Prepare a report on the process of compost making that you did in your school.

**Instruction:** The teacher is requested to teach the compost making activity with live demonstration.

#### Activity 2. Save Water

Prepare posters on ways of saving water and deliver a short speech on the scarcity of usable water on the earth.

**Instruction:** The teacher must explain how a poster can be useful for spreading awareness on saving water.

#### Activity 3. The plane mirror

Exhibit how light travels in air and gets reflected from a plane mirror.

**Instruction:** Teacher needs to make necessary arrangements for the experiment like a dark room , a small opening through which a ray of light can be passed , torch etc.

**LO – SCI 609 - Constructs models using materials from surroundings and explains their working, e.g., pinhole camera, periscope, electric torch, etc.**

**Activity 4. My pinhole camera**

Make a simple pinhole camera and explain its applications.

**Instruction:** The teacher will need to make the required materials available.

**Activity 5. The Watchman**

Make a simple device to watch persons who are engaged in some work behind the wall.

**Instruction:** The teacher will explain the basic principle applied in making the device and ensure the availability of the materials required.

**Activity 6. A bar magnet**

Show how a piece of iron can be made to behave like a magnet. Write in brief the steps to be followed.

**Instruction:** A bar magnet and a piece of iron will be required for the activity.

