

SCIENCE YEAR 4 (UNIT 4 : PLANTS RESPONSES TO STIMULI)



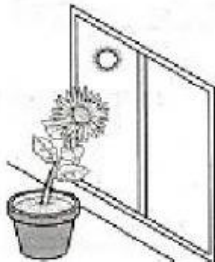
## Skill-based Practice

### 4.1 Plants Respond to Stimuli

Textbook pages: 70 – 75

**A** Based on the diagrams, identify the parts of plants and the stimulus involved in the plants response to stimuli. **LS4.1.1** **PL1**

(a)



(i) The part of plants that respond to stimulus:

\_\_\_\_\_

(ii) Stimulus: \_\_\_\_\_

(b)

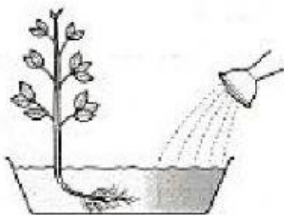


(i) The part of plants that respond to stimuli:

\_\_\_\_\_

(ii) Stimulus: \_\_\_\_\_

(c)



(i) The part of plants that respond to stimulus:

\_\_\_\_\_

(ii) Stimulus: \_\_\_\_\_

(d)



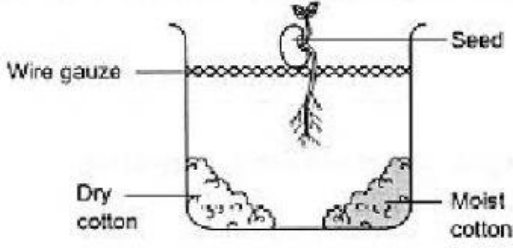
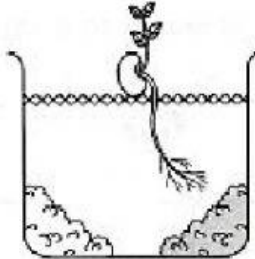
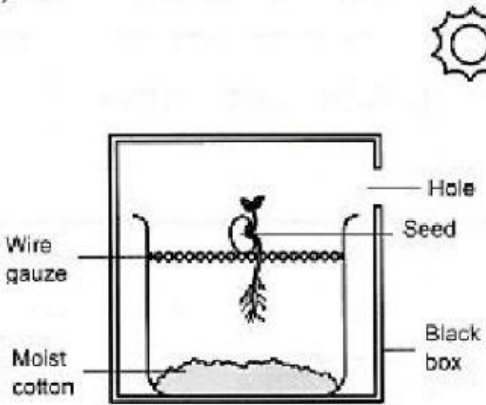
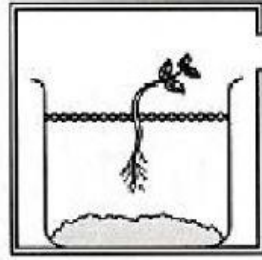
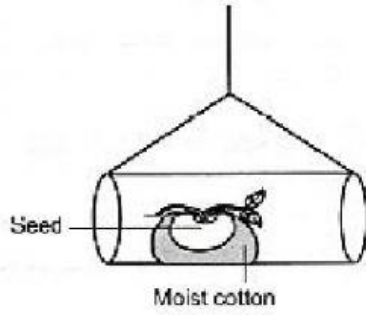
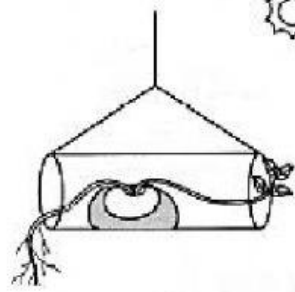
(i) The part of plants that respond to stimulus:

\_\_\_\_\_

(ii) Stimulus: \_\_\_\_\_

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**B** Based on the investigation below, fill in the blanks with the correct answers. L54.1.2 **PL3**

| Beginning of investigation                                                                                                                                                   | End of investigation                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <p>(a)</p>  <p>Wire gauze</p> <p>Dry cotton</p> <p>Moist cotton</p> <p>Seed</p>             |  <p>The _____ of the seed respond to _____.</p>   |
| <p>(b)</p>  <p>Wire gauze</p> <p>Moist cotton</p> <p>Hole</p> <p>Seed</p> <p>Black box</p> |  <p>The _____ of the seed respond to _____.</p>  |
| <p>(c)</p>  <p>Seed</p> <p>Moist cotton</p>                                               |  <p>The _____ of the seed respond to _____.</p> |