

Chapter 15: Sensitivity in Plants.

Plants have no sense organs like animals have, but their growth responds to light and gravity.

The stem of the plant grows towards a source of light whereas the root grows with gravity.

Definition: A **Tropism** is the growth of a plant in response to a stimulus.

Phototropism is the growth of plants to light. Plants will grow to the light so photosynthesis can take place.

Geotropism is the growth of the plants root towards gravity. This makes sure the root will grow down and the plant will get plenty of water and minerals.

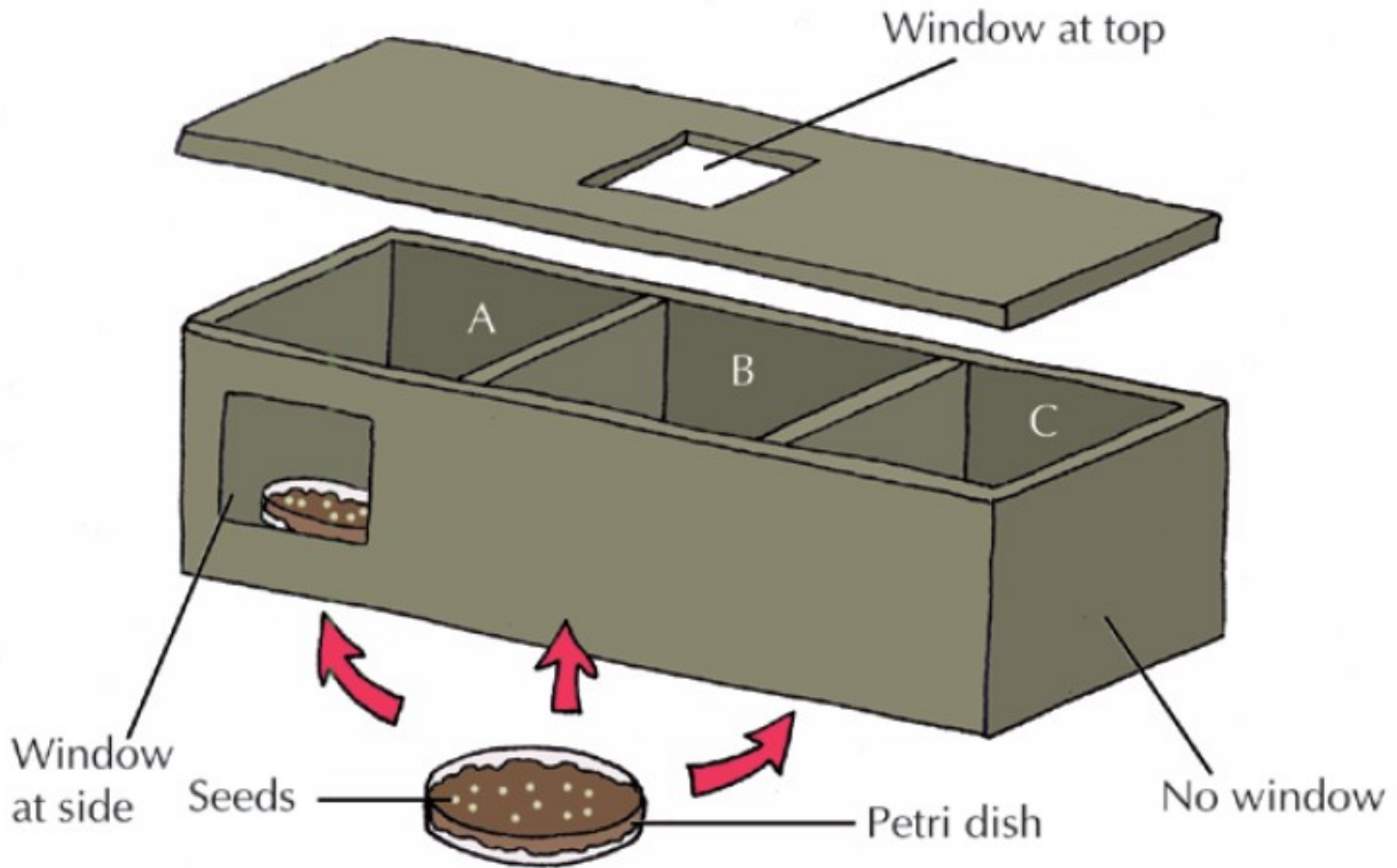


Fig. 14.4

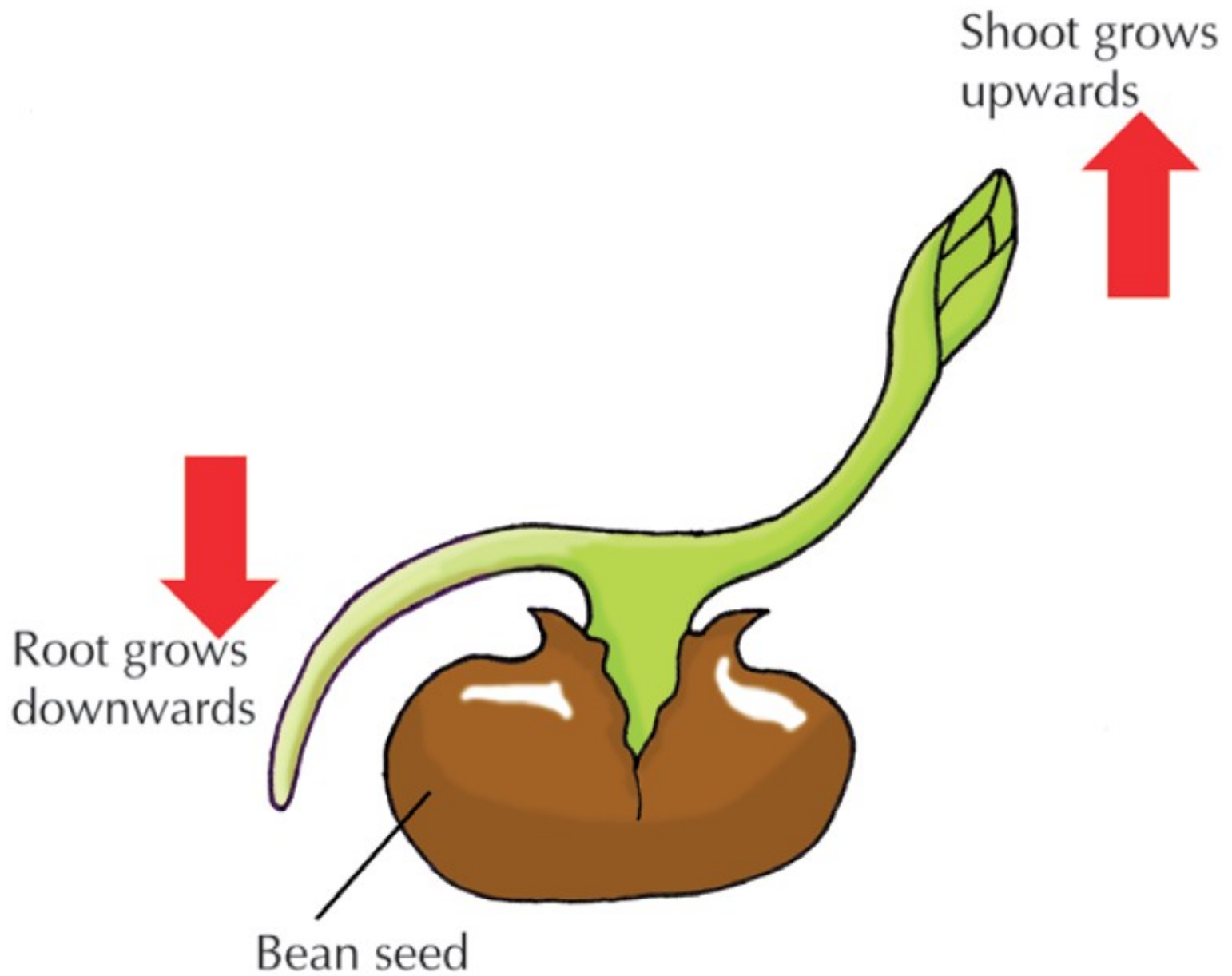


Fig. 14.5