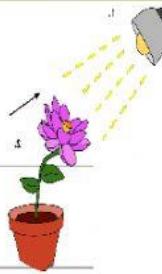




# General Science

## Plant Growth and Responses

### Assessment



Read all of the following questions, then answer them as best you can.

1. "To grow and be healthy, every organism needs certain things from the environment."

Which **TWO** things are **NOT** necessary in order for plants to grow?

- A. fertilizer
- B. water
- C. soil
- D. space

2. Which plant has many stems or trunks?

---

3. Which plant has one main woody stem or trunk?

---

4. Which plant has a climbing stem?

---

5. "Growth in plants happen at different times. Some plants grow all year round."

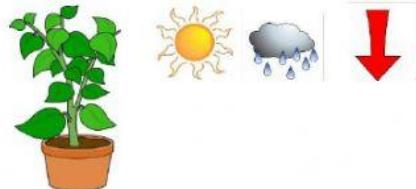
Name another time in which plants grow.

---

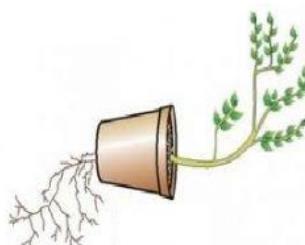
6. "Plants respond to certain things in the environment, these things are called stimuli."

List the three stimuli plants respond to.

- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_



7. Study the picture below. State which tropism each area of the plant is responding to.



8. Complete the chart below. Define the following terms.

A plant's response that involves growth is called "tropism"	
Tropism	DEFINITION
Hydrotropism	
Phototropism	
gravitropism	