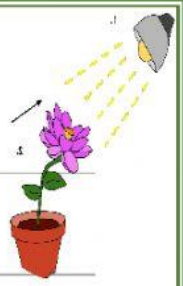


General Science

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	