

1. What characteristics tell me that plants are alive?

2. Describe how you will use the light sensor.

3. What are the units called for a measurement of light?

4. What are the four basic needs of all plants?

a.	b.
c.	d.

5. Draw lines from each vocabulary word to its description.

Photosynthesis	
Chlorophyll	
Adaptation	
Characteristic	

6. Predict:

a. Which group of plants do you think will grow the best?

_____.

b. Which group of plants will grow the least?

_____.

c. How much growth do you predict you will see in the four groups?

Condition	Prediction
Plants in sun and water (#1,2)	
Plants in sun but no water (#3,4)	
Plants in darkness with water (#5,6)	
Plants in darkness with no water (#7,8)	

Name _____

Can Plants Survive

Date	Time	Plant	Height (cm)	Light (lx)	Observations

Date	Time	Plant	Height (cm)	Light (lx)	Observations

Date	Time	Plant	Height (cm)	Light (lx)	Observations

8. Can plants survive without water or sunlight?

_____.