



### Lesson Sequence



**1. Compare the effects of different factors on plant growth**



**2. Describe the functions of different parts of a flowering plant and how they are used in photosynthesis**



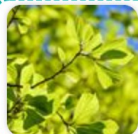
**3. Investigate the way in which water is transported within plants**



**4. Explore the part that flowers play in the life cycle of flowering plants**

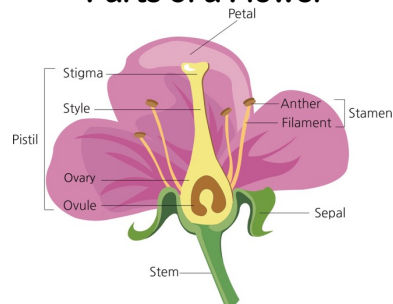


**5. Understand the pollination and the ways in which seeds are dispersed**



**6. Compare the effect of different factors on plant growth**

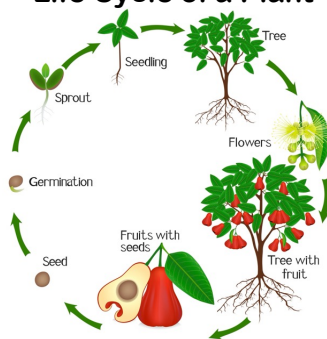
### Parts of a Flower



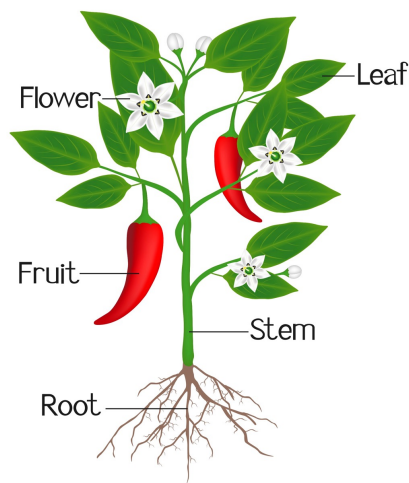
### Seed Dispersal



### Life Cycle of a Plant

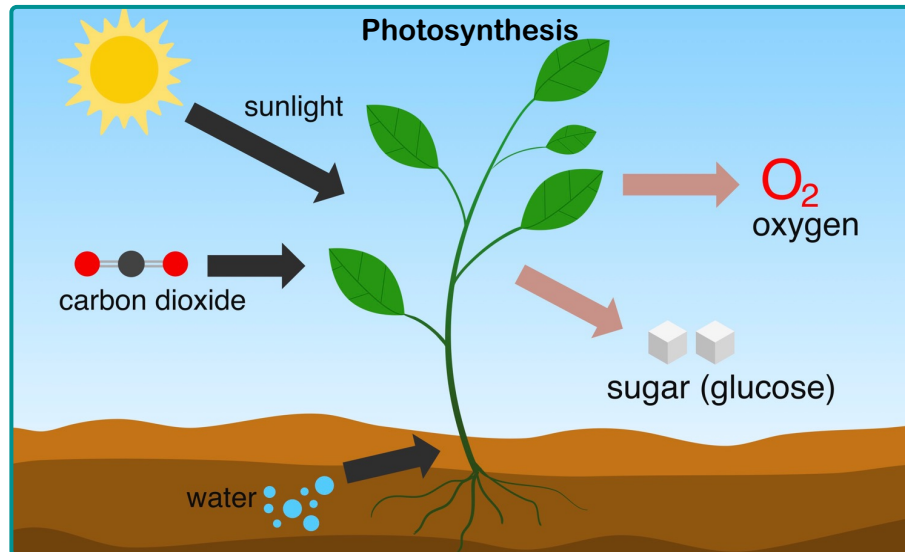


### Parts of a Plant



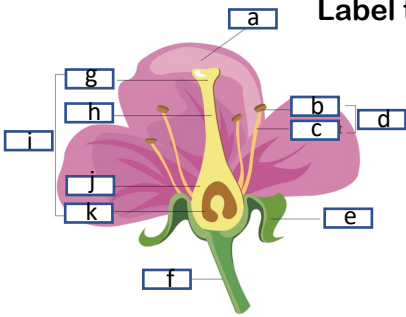
1. The roots of a plant absorb water from the soil.
2. The stem transport water to the leaves.
3. Water evaporates from the leaves.
4. This evaporation causes more water to be sucked up the stem.
5. The fruit is the part of a flowering plant that contains the seeds.

### Photosynthesis





### Label the parts of the flower.



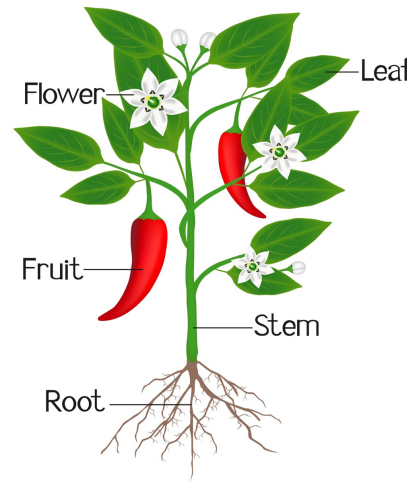
a =	Number	f =	Number
b =	_____	g =	_____
c =	_____	h =	_____
d =	_____	i =	_____
e =	_____	j =	_____
		k =	_____

1. Petal
2. Anther
3. Filament
4. Stem
5. Sepal
6. Stamen
7. Stigma
8. Style
9. Ovule
10. Ovary

### Draw the four types of seed dispersal.

### Draw the stages for the life cycle of a plant.

### What does each part of the plant do?



1. Root = \_\_\_\_\_
2. Stem = \_\_\_\_\_
3. Leaves = \_\_\_\_\_
4. Fruit = \_\_\_\_\_

### What is photosynthesis?

\_\_\_\_\_ is the process in which  
\_\_\_\_\_ plants use \_\_\_\_\_ to make  
their own \_\_\_\_\_.

food      sunlight      green      photosynthesis