

## Parts of a Plant

### A. Fill in the Blanks

**Word Bank:** leaves flower stem roots sunlight

1. The \_\_\_\_\_ holds the plant up and helps it stand tall.
2. The part of the plant that makes seeds is the \_\_\_\_\_.
3. The \_\_\_\_\_ soak up water and nutrients from the soil.
4. Plants use energy from \_\_\_\_\_ to make their own food.
5. The green \_\_\_\_\_ are where the plant makes most of its food.

### B. Match the Following;

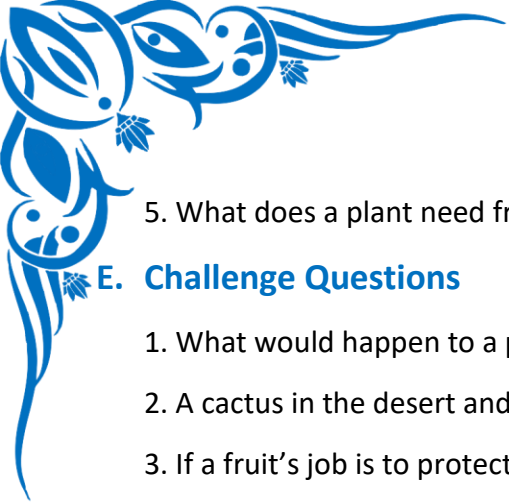
Column A (Plant Part)	Column B (Main Job)
1. Roots	A. Makes food for the plant.
2. Stem	B. Helps the plant reproduce by making seeds.
3. Leaves	C. Protects the seeds and helps them travel.
4. Flower	D. Soaks up water and holds the plant in place.
5. Fruit	E. Supports the plant and carries water.

### C. Practice Problems

1. Which part of the plant is known as the "kitchen" because it makes the food?
2. What are the two main jobs of the stem?
3. Which part acts like an anchor to hold the plant firmly in the soil?
4. Which part's main job is to help the plant make new plants (reproduce)?
5. What is the job of the fruit?

### D. Warm-up Questions

1. Name one part of a plant that is usually found under the ground.
2. What color are most plant leaves?
3. What part of a plant is often colorful and smells nice?
4. What can you find inside a fruit like an apple or an orange?



5. What does a plant need from the sun to live?

### E. Challenge Questions

1. What would happen to a plant if all of its leaves were removed? Why?
2. A cactus in the desert and a water lily in a pond both have roots. How might their roots be different?
3. If a fruit's job is to protect the seeds, why are so many fruits sweet and delicious for animals to eat?
4. Explain the journey of water in a tall sunflower, starting from the soil.
5. Not all plants have flowers (like ferns or moss). How do you think they make new plants?

### F. Word Problems & Application

1. Maria's Garden: Maria plants a bean seed in a pot. After a few days, she sees something white growing downwards into the soil. What plant part is this?
2. The Windy Day: A huge oak tree is standing strong during a windy storm. Which part of the tree is working hardest underground to keep it from falling over?
3. Busy Bee: You see a bee flying from one bright yellow dandelion to another. Which part of the dandelion is the bee visiting?
4. Eating Vegetables: For dinner, you eat broccoli. You notice it looks like a tiny tree with a thick stalk and little green florets. Which two parts of the broccoli plant are you eating?
5. Apple Snack: You bite into a juicy apple and are careful not to eat the core. What important things are you avoiding in the core, and what is their purpose?

### G. True or False

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| 1. The stem's only job is to make the plant look pretty.       | _____ |
| 2. Leaves can be different colors, but they are usually green. | _____ |
| 3. The fruit's main job is to feed the plant.                  | _____ |
| 4. All plants have flowers.                                    | _____ |
| 5. Roots always grow downwards.                                | _____ |