

# Plants Study Sheet

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| 1. roots           | The part of a plant that grows downward and holds the plant in place, absorbs water and nutrients from the soil.                             |
| 2. stem            | The part of the plant that hold up the plant and connects roots and leaves. It carries water and nutrients between the roots and the leaves. |
| 3. leaves          | The part of the plant that makes the food.   |
| 4. seeds           | They grow into new plants. They hide inside of the fruit.  |
| 5. flowers         | They grow on the end of a stem and are often the most colorful part of the plant. They attract pollinators. They make the fruit.             |
| 6. fruit           | It hangs on the end of stems. It holds the seeds.  |
| 7. plant needs     | Sunlight, water, air, nutrients, and space.  |
| 8. germination     | The process from seed to plant.  |
| 9. water           | The one element needed for plants to grow.   |
| 10. sun            | Gives warmth and energy to the seed so it can grow.  |
| 11. baby plant     | An embryo. It is inside a seed.  |
| 12. sprout         | To begin to grow.  |
| 13. seedling       | A young plant.   |
| 14. adult plant    | A seedling that has grown into a full-size plant with flowers.   |
| 15. soil           | The loose, weathered material on Earth's surface in which plants can grow.   |
| 16. botany         | The study of plants.   |
| 17. seed coat      | It protects the seed.  |
| 18. photosynthesis | The way a plant makes food in its leaves.  |