

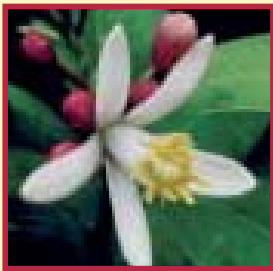
Classroom Plants

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Glossary

bud young shoot, leaf, or flower before it unfolds or opens

bulb special kind of short plant stem that grows underground and has stored food and a new plant inside it

carbon dioxide gas in the air that plants use

chlorophyll material in plants that makes them green and allows them to use energy from the sun to make food

conifer plant that forms seeds in cones

cutting piece of stem or leaf that can grow new roots

energy ability to cause change

flower plant part that makes seeds

flowering plant plant that has flowers in its life cycle

fruit plant part that covers and protects seeds

germinate to begin to grow

humus decayed plant and animal material that is found in soil and contains nutrients

hydroponics growing plants in water, without soil

leaf plant part that grows from the stem and takes in air and light to make food for the plant

life cycle stages or changes that a living thing goes through during its life, such as being born, becoming an adult, reproducing, and dying

life span time between birth or germination and death

minerals solid, nonliving materials in nature that make up rocks and contain nutrients

nutrients materials in soil that plants need to live

organism living thing, such as a plant or an animal

oxygen gas in the air that we breathe that is made by plants

petal special leaf around a flower

photosynthesis way that plants use chlorophyll to make their own food from carbon dioxide, light, and water

plant organism that can make its own food

pollen yellow powder inside flowers that helps plants reproduce

reproduce to make others of the same kind

respond to move because of conditions or changes in the environment

root plant part that grows down into soil and takes in water and nutrients for the plant

seed plant part that has a tiny new plant inside

seed coat thin covering on the outside of a seed

seedling young plant with a shoot and small roots

soil loose material on Earth's surface that contains rock, humus, air, and water

sprout to send out a shoot and a root

stem plant part that joins the roots to the other parts of a plant, holds up a plant, and carries water and nutrients to other parts of the plant

tuber special kind of thick plant stem that grows underground and has buds that new plant shoots grow from