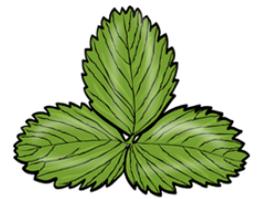


# Life Science Level 1



## Familiar Plants & How They Grow



By Bonnie Rose Hudson



SAMPLE

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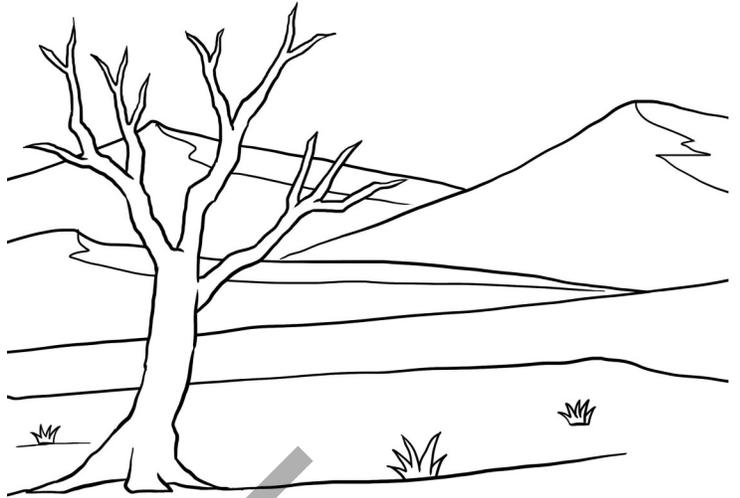
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# Familiar Plants and How They Grow

**Plants** grow almost everywhere. It doesn't matter whether you are in the desert or on a mountain, in a city or out in the country, you can probably find plants there. Plants can be extremely tiny, like a flower that grows in a crack in a sidewalk, or grow to be incredibly large, like the giant sequoia trees that can be more than 290 feet (88 meters) tall and are bigger across than a house! So if plants can be big or small and can grow just about everywhere, how can you tell if something you see is a plant or not?

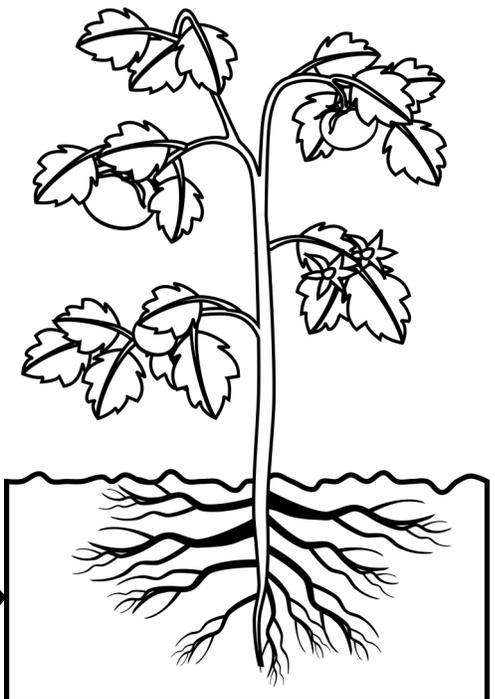
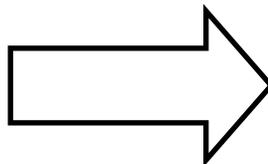


Plants

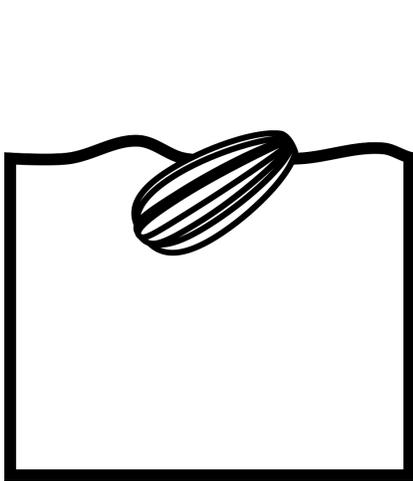


One thing all plants have in common is that they do not need to eat. Animals and humans need to eat, but plants make all the food they need. Wouldn't it be fun to not need to eat every day? But there's something else that most plants have—**roots**. Roots hold them in the ground. Plants never get to move their entire lives. That would not be so fun! Roots take water and minerals out of the soil the plant needs to be healthy.

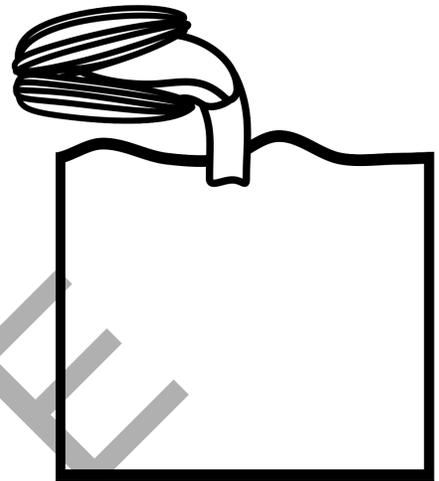
Roots



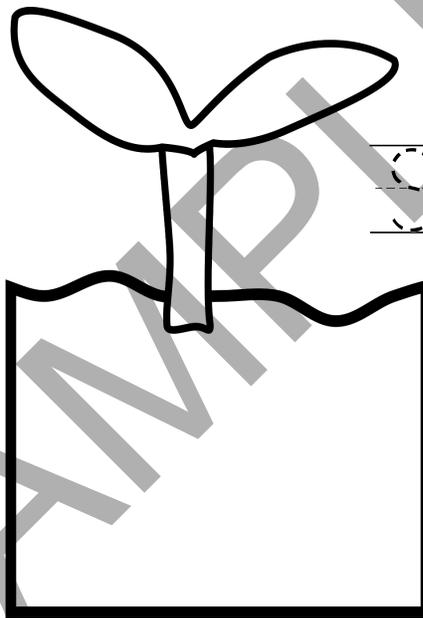
When the seed finds a new home in the ground, it starts to soak up water. When it gets big enough, it opens up and a tiny plant—called a **seedling**—is born. One part of the seedling grows into the ground and makes a root. The rest grows up, bigger and bigger, until the plant has a strong stem with leaves on it. When the plant is ready, it can grow flowers, and the whole cycle starts over again!



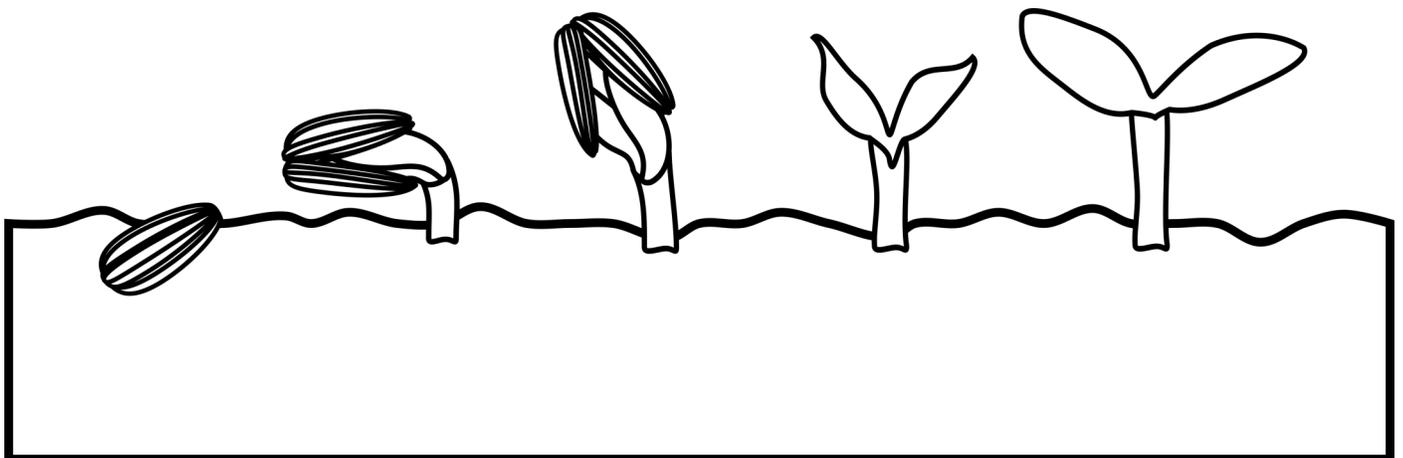
Seed



Seedling

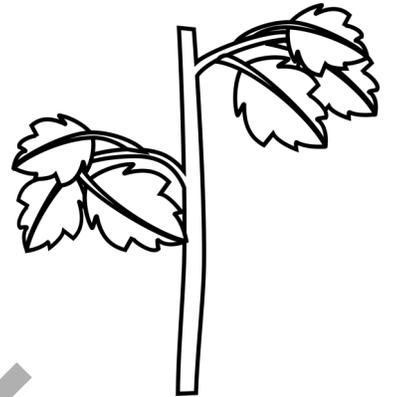
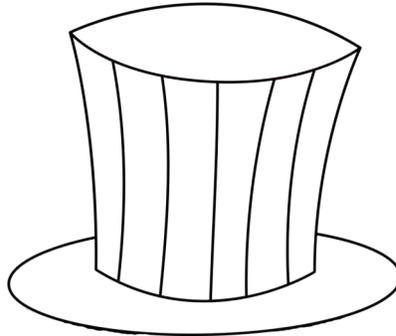
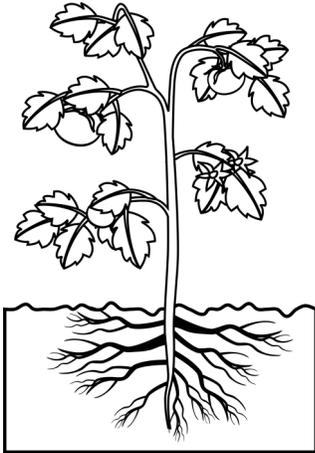


Plant

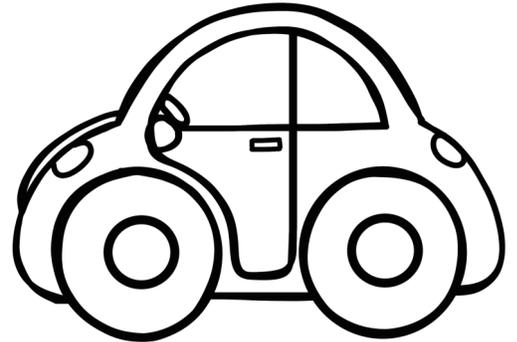
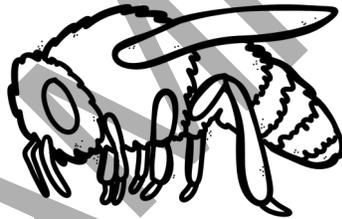


## Review

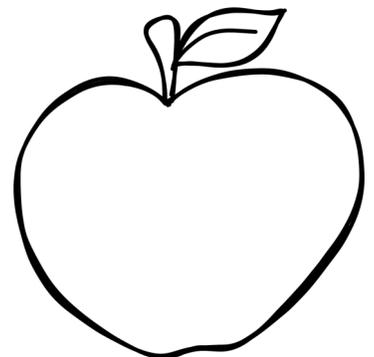
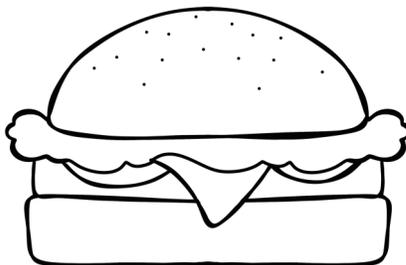
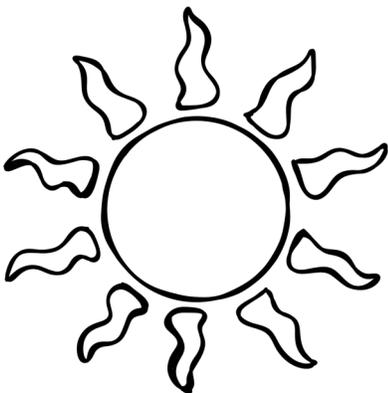
Which of the following is NOT a part of a plant? Draw an X through it.



Which of the following is NOT a way pollen moves from the stamen to the pistil of a flower? Draw an X through it.

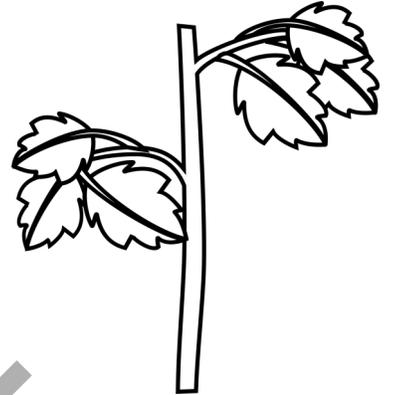
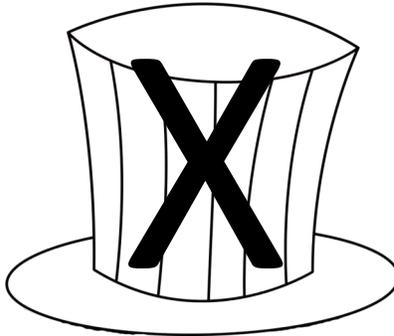
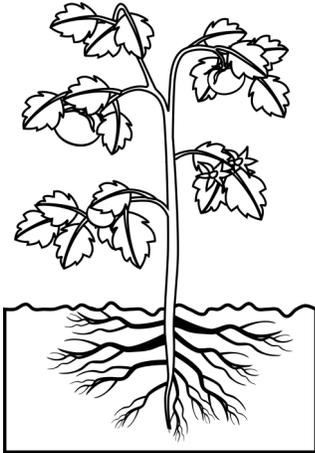


Which of the following is the source of the energy plants use to make their own food? Draw a circle around it.

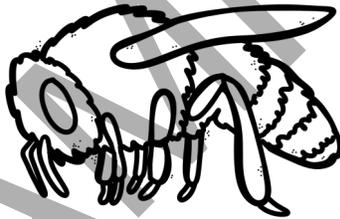
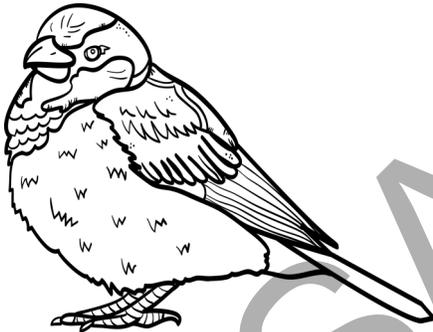


## Review Answer Key

Which of the following is NOT a part of a plant? Draw an X through it.



Which of the following is NOT a way pollen moves from the stamen to the pistil of a flower? Draw an X through it.



Which of the following is the source of the energy plants use to make their own food? Draw a circle around it.

