



Develops important **STEM** skills



SCIENCE • TECHNOLOGY • ENGINEERING • MATH

How do fairy gardens grow?

After following the guide, you know how to plant and water the seeds, but how do your plants and flowers really grow? They absorb what they need from water, air and sunlight! Making sure seeds are hydrated and allowing them time in the sun is the way you care for plants, because they're living things, too!

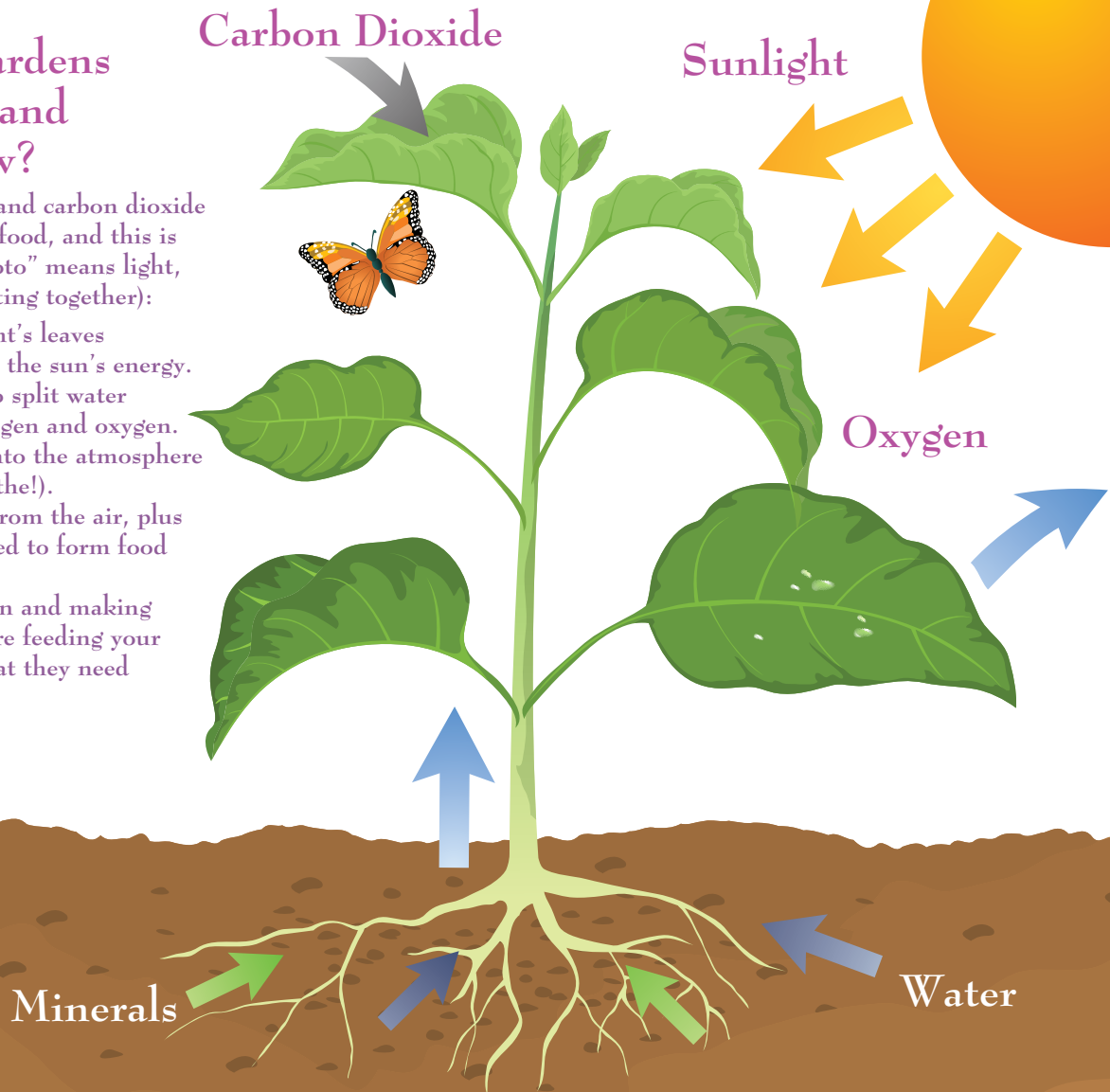
Water is very important during germination. Germination is the growth and development of a seed into a plant. Once you have a sprout (the beginning growth of a plant, like a little shoot or stem), sunlight and air become very important, too!

Why do fairy gardens need water, air and sunlight to grow?

Plants use water, sunlight and carbon dioxide from the air to make their food, and this is called photosynthesis ("photo" means light, and "synthesis" means putting together):

1. The green of the plant's leaves (chlorophyll) absorbs the sun's energy.
2. The energy is used to split water molecules into hydrogen and oxygen.
3. Oxygen is released into the atmosphere (this is what we breathe!).
4. The carbon dioxide from the air, plus the hydrogen, are used to form food to feed the plant!

So, by watering your garden and making sure it gets sunlight, you are feeding your plants and giving them what they need to grow!



For more fairy fun, visit:
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If you have questions, please contact us.
800-524-4263 | Weekdays 8am to 5pm CST

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