



Miss Panda's Books

Plants



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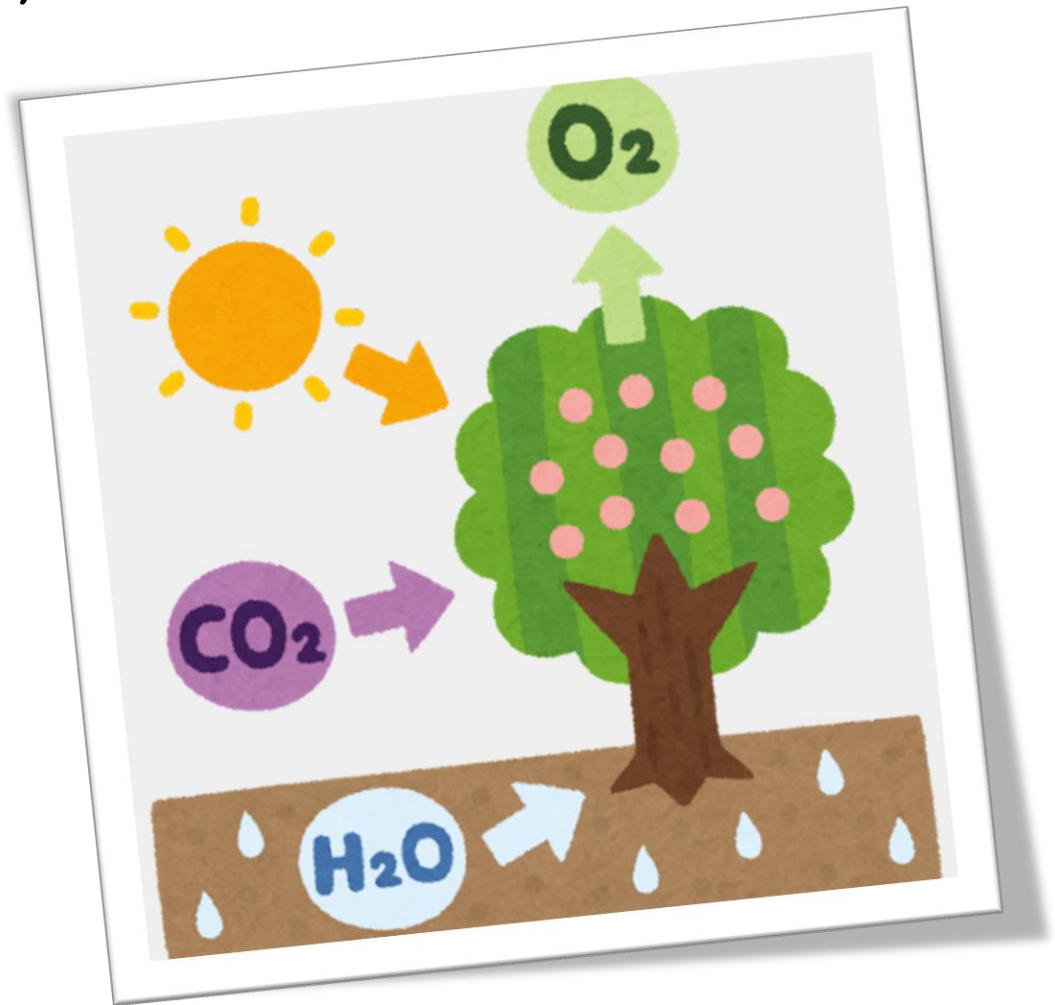
Miss Panda's Books Series helps children learn about plants, animals, and how to care for them. We teach the basic traditional knowledge of being self-sufficient by growing your own food and making healthy choices. Each book in every set will educate your child on a subject related to the set topic, and you can find a fun craft idea on the last page. We hope these books will bring your children wisdom and joy!

When our seed sprouts and rises above the soil, we call it a “seedling”. Seedlings will begin a process called “photosynthesis”.



Photosynthesis needs three things to happen:

- 1) Carbon Dioxide (CO_2)
- 2) Water (H_2O)
- 3) Sunlight



When plants have these three things, they give off oxygen, which we need to breathe. The more plants we have, the more oxygen we have, and the better we breathe. Plants are great!



Plants that don't have sunlight, water, or air, can become sick, leaving them as targets for pests, like bugs. Most of the time, soapy water sprayed on the plant will remove bugs, but if you don't give the plants what they need, they could die.



When your plant grows to “maturity”, a grown-up plant, it will produce whatever you planted, like melons, beans, or flowers.



Plants Activity (Step 2 of the Gardening Set Activities)



Supplies:

- Garden Soil
- Medium to large plant pot
- Water
- Watering Can
- Green bean seedling (from Step 1)
- A window with 8-10 hours of sunlight
- 2-3-foot, thin dowel rod

Directions:

1. By now, your seed should be a seedling. Prepare your seedling's new home by filling your plant pot with garden soil. This should be a good mixture of soil and compost.
2. Dig a small hole deep enough to fit the lower part of the seedling, including all the roots.
3. Carefully remove the seedling and paper towel from the jar.
4. Carefully place the seedling, roots down, in the hole. Cover the hole gently with soil.
5. Make sure your soil stays moist, but not too wet. You should not see puddles.
6. Place your seedling near a window with 8 to 10 hours of sunlight each day. Continue watering the soil as needed, keeping it moist.
7. Watch your plant grow every day. Soon you will have beans! Use the rod for support if needed.