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The six stages of plant growth



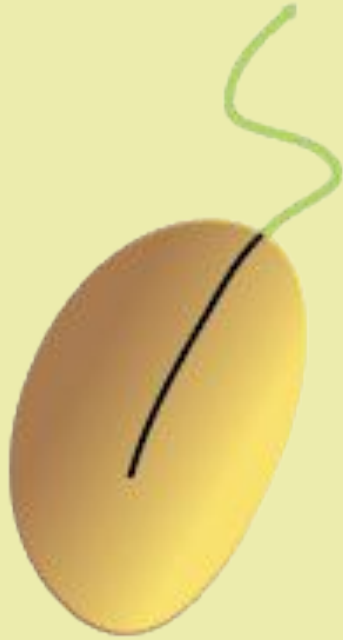
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Some problems encountered

Originally, my idea was to grow a plant and then document its different growth stages and then just talk about how I maintained it.

Unfortunately, That idea was unrealistic because of the amount of time I had for the project.

I still wanted to do something with plants so I ended up researching the main stages of plant growth and creating illustrations in Illustrator.



Stage One: Sprouting

When the seeds contains all the nutrients they need to germinate and grow their first pair of leaves. Tomato seeds usually take around 5-10 days to germinate.

◆ You know the seed has germinated once you can see the green stem appear.

Stage Two: Seedling



As the roots begin to develop and spread the plant is still reliant on the nutrient reserves. Once the plant starts to obtain nutrients through the roots it passes through the seedling stage

Stage Three: Vegetative

This is the period of growth between germination and budding.

During this phase the plant is busy going through photosynthesis and getting all the necessary nutrients.



Stage four: Budding



As the plant transitions from the vegetative state it starts to focus less on green growth and more on producing the buds.

◆ Phosphorus is important to the plant in growth in this stage

Stage Five: Flowering

The flower buds start to develop into flowers

The flowers are important in a plants life cycle because it is needed in order to spread their seed



Stage Six: Ripening

In the final stage of growth the plant flowers and the fruit ripens and matures.



◆ The tomatoes are born

Although the project wasn't what I wanted it to be i'm happy with how the illustrations turned out. Hopefully in the future I can use some of my newfound plant knowledge to grow a tomato plant.

