

Planting Science

Notes about Plants

- Some plants are dangerous
- Plants give us oxygen
- Plants receive nutrients through photosynthesis
- Seeds are dormant, not alive nor dead-kind of like hibernation
- Some plants have seeds in vegetation

Questions:

- How does the pH of the soil affect the color of a plant?
- How do leaves form?
- How does the mass of different plants vary?
- Why do leaves have different shapes?
- Why do plants have different shapes?
- Are seeds alive? Yes, What do living things need?
- Growth, development, respiration, nutrients, metabolism, homeostasis, movement,
- What do seeds need to grow? Sunlight, water, soil sometimes
- How much water do plants need? Depends on the plant and the environment it is in
- How does moss grow? Does it grow the same way as other plants?

About Us

Hello, I'm Luke,

I'm not very fond of planting. Some plants are tasty and some make me breathe so I'm ok with plants.

Hello, I'm Jazzlyn,

I have a good amount of experience with planting. My family and I don't exactly have a farm but you could consider it. We have multiple vegetable patches at the edge of our front lawn and magnolia trees separating them. The vegetable patches include cucumbers, bittermelon, peas, long beans, garden beans, egg plant, kale, zucchini, squash, pumpkins, tomatoes, corn, radishes, and beets. On the side of the patches, we have raspberries, blackberries, blueberries, and zinnias. On the inner edge of the patches we have sunflowers, the outer edge has more sunflowers and zinnias. We have multiple fruit trees in the middle of the lawn and practically anywhere you can think of. We have peaches, apples, pears, and cherries.

On the other side of our driveway, there is a patch of garlic. On the outer edge of that patch, there are flowers. We have many herb beds on the right side of our property, lavender beds, and more fruit trees. In our backyard we have more fruit trees, inedible bananas, and more herb pots in the ground. In addition, we have many hydrangeas surrounding our house. To finish off, we have many beautiful flowers scattered throughout the property. Inside we have many plants such as snake plants and pothos. Thus my family and I have a big green thumb.

I don't have many questions about plants but I'm sure I will think of something, eventually.

Hi, I'm Quinn, I have a garden, and some of the vegetables, fruits, flowers, herbs, and other plants were transplanted to our yard by my family and I. I also have lots of houseplants, because there is a greenhouse to which we often go. We also have a quince bush, a variety of trees, acres in fact, because they are in conservation land, pachysandra, and hay in a field.

Hello, I'm Mackenzie, I have a garden with some flowers, vegetables, and many other unique plants. I plant with my parents sometimes and we have many tasty fruits. We have a few apple trees and a peach tree in our yard. I have many houseplants and we grow some medicinal herbs.

Questions?

Would using a glass-topped frame increase growth?

How would constant motion affect a plant's growth? Like if you grew plants on a road trip and the car kept moving.

What types of salt can different plants take?

What is the difference between the amount of water that each of the plants being tested need?

Could land plants live underwater?

What plant grows the best with a small amount of sunlight?

Do plants make music?

Does music affect plants?

PREDICTIONS:

What do you think will happen?

I think that the saltwater will make the plants grow at a slower rate, but they will still grow.

I think that the saltwater will make the roots shrivel up and make the plants die. Although the less salty I assume it will grow better. Also, the plants' soil might dry quicker than the others.

I think that saltwater will affect different plants at different rates, so some plants may not be affected while others won't be able to grow. Some plants might only be affected by how large they can grow and how quickly they grow.

Updated Predictions:

What do you think will happen?

What we planned so far

75 ml

A cycle of mon wed and fri

