



Plant Growth Conditions Activity for Kids

Comparing Soil DIY

 Duration: **15–20 min set up.**

 Difficulty: **Easy**

 Cost: **\$0 to \$5**

Find out if plants grow better with fertilizer!

Material List

- 2** Plant pots
- 1** Package of seeds
- 1** Bag of regular soil
- 1** Scoop
- 1** Container of plant fertilizer
- 1** Container of water

Instructions

- 1** Fill each pot with the same amount of soil.
- 2** Sprinkle one scoop of fertilizer into just one of the pots.
- 3** Plant some seeds in each pot and cover the seeds with soil.
- 4** Give each plant the same amount of water and light.
- 5** Watch them grow for about 6 weeks.
- 6** Observe to determine which plant grew better.

Tip: Follow the fertilizer package directions.

Warning: Wear gloves and wash your hands after handling fertilizer.

How It Works

The plant with the fertilizer grew better. Plants grow better when they have all the nutrients needed to be healthy. Many different kinds of natural chemicals are found in soil that plants use to grow. When you add plant fertilizer, it adds extra nutrients to the soil which helps it grow best. Most of the fruits, vegetables and grains we eat are grown with fertilizer.

