



Do It Yourself (DIY) Activity

Plant Resource Competition DIY



Duration: **4 weeks of growing**



Difficulty: **Easy**



Cost: **\$0 to \$10**

Grow seeds to make plants compete for resources!

Material List

- 1** Bag of potting soil
- 3** Small pots
- 1** Pack of seeds
- 1** Cup of Water

Instructions

- 1** Fill the three pots with an equal amount of soil.
- 2** Make a hole in the center of the soil.
- 3** In the first pot, add 3 seeds into the hole.
- 4** In the second pot, add 20 seeds into the hole.
- 5** In the third pot, add 100 seeds into the hole.
- 6** Lightly cover the seeds with soil.
- 7** Add $\frac{1}{2}$ cup of water daily to each and observe over 4 weeks.

How It Works

Living things compete for resources to survive. This also includes plants. The pot with 3 seeds grew the best because there was less competition for resources, like water and light. That is also why the pot with 100 seeds grew the worst.