

# WEEK 2: Grow a Seed

For this activity you will need:

- Plastic Ziploc Bag
- A handful of dry beans, any kind (green was used in creating this example)
- Paper towel or cotton balls
- Water



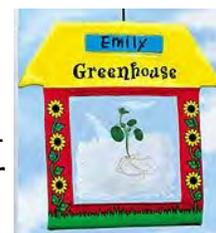
1. Wet the paper towel and put in Ziploc bag
2. Place a bean inside Ziploc bag and seal it - label it #1
3. repeat #1 & #2 as many times as you like to compare beans growing progress. If you have multiple children, have each one create their own bags that they will be in charge of.
4. Keep paper towel wet by watering twice a day, if possible. Tape in a window or leave in a sunny area of the house.
5. Use the tracking sheet to identify any changes each day. (Separate PDF or back page\*)
6. In approx. 5 days the beans will start to sprout
7. Ask yourselves why some beans may be growing faster than the others: Condensation, temperature, location, etc.
8. If you don't want to grow a full climbing plant to harvest edible beans but instead just want to see how the whole process looks: Leave the beans in the bag for at least 14 days. Continue to track each beans progress.

Optional:

1. When you see green leaves sprout and lots of roots, Plant into a cup of topsoil: Roots pointing down and green leaf part at the top.
2. Wait until plant is about .5-foot-tall, and the weather is above 5 degrees constantly. Then, plant in the ground or in a bigger pot with a tomato cage where it can climb. New bean pods will grow that you can eat.
3. You only need to water once a day and keep in direct sunlight for best results.



You could also decorate the Ziploc bag with a crafted pot or house out of construction paper and tape or glue on the outer part of the bag.



# Growth Chart



## How does your garden grow?

Write the name of the seed or plant in the left column. Then, record your observations over several days.

Seed/ Plant	Day	Day	Day	Day	Day

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