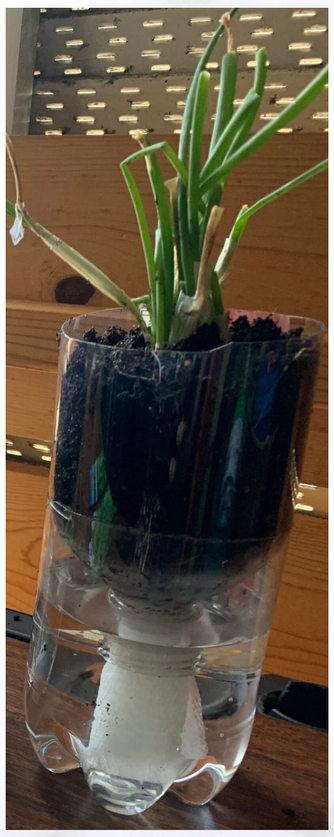

STEM Project

Build a self-watering* garden!

*needs water refill when tank goes empty

1 Get your supplies

1.Empty Plastic Bottle 2. Craft Knife 3.Soil + water
4. Paper Towel 5. Seeds 6. Sharpie

2 Mark and cut your bottle

Use the sharpie to mark a line to cut the bottle.
You may need to ask an adult to cut the bottle for you

3 Put it together!

1. Roll the paper towel and stick it through the bottle opening.
2. Fill the bottom container with water
3. Fill the top container with damp soil

4 Plant your seeds

Poke a hole with your finger about 1/4" deep into the soil
Place 1-2 seeds into the hole and cover it up
*Plants need space to grow. Only put 1-2 plants per container, depending upon the type of plant
Label containers with sharpie if planting more one bottle

5 Watch it grow!

Remember to refill the bottom container with water when it gets low
Write down observation notes...
How often do you need to refill the water?
How long does it take your plants to sprout? How long until you can harvest them?