Plant Challenge

SUPPLIES:
- **Container**: needs to be at least 2-3" deep and have draining holes. Options include plastic pots, cell packs, peat pots, plastic flats, yogurt cups, even eggshells.
- **Soil**: sterile, seed-starting mix or potting soil available in nurseries and garden centers
- **Seeds**

STEPS
1. Put a filter in the bottom of the empty pot. This can be landscape fabric or coffee filter cut into a circle or rocks. These filters allow water to flow out freely, air to flow in freely, and keep dirt inside the pot.
2. Fill the pot with soil.
3. Per the seed packet instructions, remove the top soil to the depth needed for the seeds to grow. The general rule is to plant seeds a depth two times the width of the plant seeds.
4. Distribute seeds evenly on the top of the soil.
5. Cover the seeds with the removed soil.
6. <u>Gently</u> water the container with room temperature water until water starts to drip from the drain holes in the bottom.
7. Place the pot in a spot that will get sunlight for most of the day. It can be inside or outside. If you have one, put a rock on top of the soil.
8. Water the pot every day until small leaves appear using room temperature water. Put a ✔ on the calendar dates you water the soil. Once seedlings are growing, it's important to reduce watering so soil partially dries, but don't let seedlings wilt.
9. When small leaves appear decrease watering to once every fews days or when the soil is dry. Put an ✘ on the calendar dates that you water the plant.

Optional:
- Spray leaves with water using a spray bottle in the morning and night.
- Give your plant positive vibes.

Your soil is dry if:
- When you put your finger 1" into the soil, it feels dry.
- If you lift up the rock and it's dry.

Observe and note:
Spend time with your plants. Write your observations about color, height, shape, number, angle, or anything you find interesting.

WATERING AND OBSERVATIONS

S	M	T	W	T	F	S

S	M	T	W	T	F	S

S	M	T	W	T	F	S

✔ date that you water pot (no visible leaves)

✘ date that you water plant (leaves are visible)