



## SUBMERGE: Build a Water Cycle with AI!

**Theme:** The Water Cycle

**Ages:** 5-10

**Prep Time:** 10 minutes

**Activity Time:** 20 minutes

### Activity Summary:

This lesson demonstrates that Earth's water is all connected and that the water cycle guarantees this. We can get even more connected to the natural world through observation and inquiry! Experiment along with Science Educator Al Leszczynski and watch a dynamic science performance during the virtual [SUBMERGE Marine Science Festival](#). Tune-in to AI's performance at SUBMERGE on Thursday Sept 24 at 2:30 PM via HRPK's [Facebook Live](#)!

### Materials:

- 1 large bowl (transparent preferred)
- 1 small bowl (transparent preferred)
- Water
- Plastic wrap
- A handful of dirt and grass
- Coin or pebble

### Instruction:

1. Put the small bowl inside the large bowl.
2. Add dirt and grass to the small bowl and pour water into the large bowl, being careful not to let it overflow into the small bowl.
3. Cover plastic wrap over the entire setup.
4. Place coin or pebble on top to put a dent in the plastic wrap.
5. Place the bowls outside in the sun and watch evaporation, condensation, and precipitation in action!