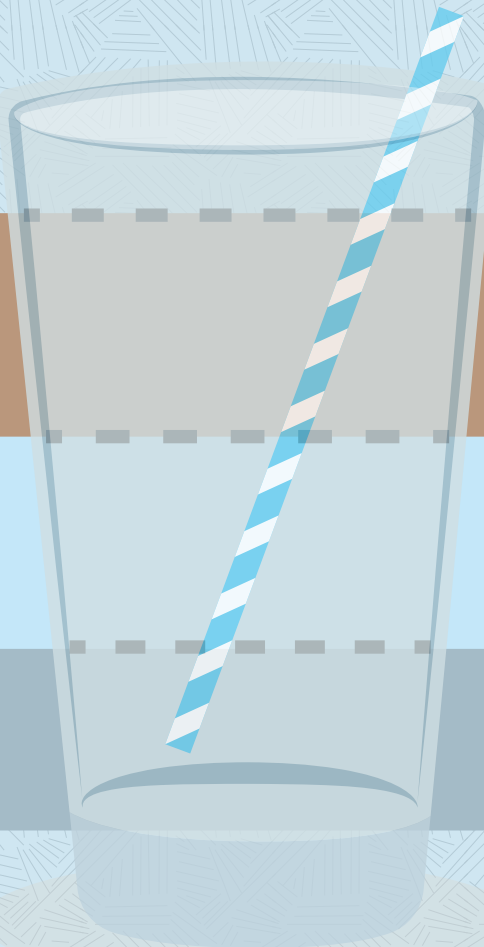


# Build an Aquifer-in-a-Cup at Home!

Create an Aquifer-in-a-Cup with items you already have in your kitchen! Work with a parent to find things that can be used for your experiment. *Do you have rice, dried beans, pasta or unpopped popcorn? Water from your sink?* Start with number 1 and work your way up!

Write down the ingredients you use below.



4

Drill a well with your straw to show how we get our water from the ground.

3

Add something larger for the soil and land above the aquifer.

» Land and soil layer = popcorn, dried beans, noodles

2

Pour some water to cover the “rocks” in the aquifer to represent the groundwater.

1

Start with something small to represent gravel and sand that make up the rocky material in our aquifer.

» Aquifer rocks = rice, cereal, oatmeal, any small grain

## Optional Extension:

If you have soy sauce, hot sauce, food coloring, or molasses drop some onto your land layer to show how pollutants can enter our aquifer.