

LET'S MAKE AQUIFER ART!



Did you know that all the water we use comes from an aquifer that flows below our feet? The Spokane Valley-Rathdrum Prairie aquifer is made up of an underground layer of rocks and water which spans 370 square miles from Idaho to Spokane.

In this lesson, you will design a water-rific aquifer and city landscape.

You'll need:

- *white paper
- *black marker
- *water colors
- *paint brush
- *crayons (optional)

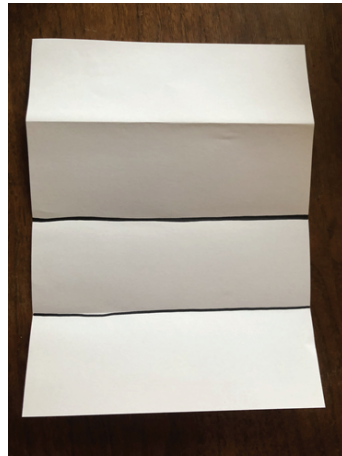


1



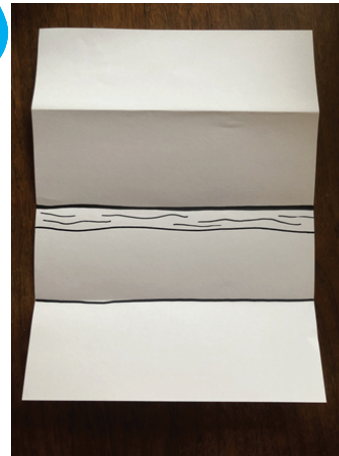
Start by laying your paper vertically. Next fold your paper in half. Now fold your paper in half again. When you unfold your paper, you should have three evenly spaced creases.

2



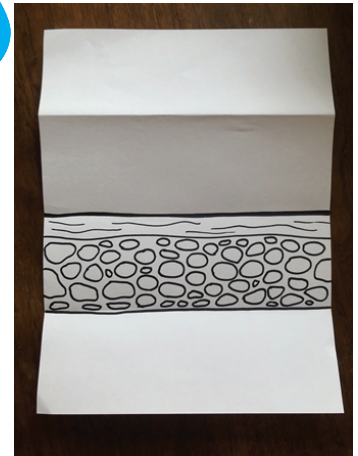
With a sharpie, draw a line across the middle crease, making it extra dark and thick. Then draw another line across the bottom crease. Leave the top crease blank. The line in the middle of the paper is the horizon line.

3



Draw another parallel line below the middle horizon line, leaving about a finger width between the lines. Next, draw some horizontal wavy shorter lines in between the two main lines. This represents the Spokane River, which runs directly over the aquifer in some areas.

4



In the space below the river, draw irregular ovals, filling the entire area with these shapes. This represents the layer of rock and water below us, the aquifer.

5



Above the horizon line, draw the outline of Spokane City. You can add whatever Spokane buildings you like, remembering to focus on their overall shape as mostly rectangles. Make your buildings as tall as the crease that runs across the top of the paper.

6



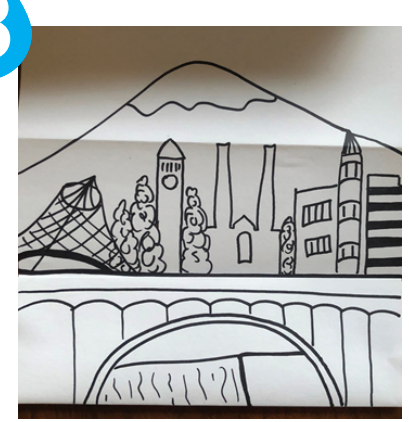
Starting near the top crease, draw a mountain. Our aquifer receives water by snowmelt from area mountains that feed streams, lakes and the Spokane River.

7



Fold the bottom crease of your paper back up.

8



Drawing on the back of the bottom section of the paper, add a half oval for the bridge. Next, draw a horizontal line right below the oval to represent the waterfalls of downtown Spokane

9



Using crayons, water colors, or both, fill in the entire picture with color.

Show us what you made!

We want to see your lovely art! Send your pictures of your art work to education@kspbs.org.



FUN FACTS!

- 💧 The aquifer starts in Idaho near Lake Pend Oreille, and flows all the way to Nine Mile Dam and the Little Spokane River.
- 💧 Over 500,000 people get water from our aquifer.
- 💧 The Spokane River is the largest source of water to the SVRP aquifer.
- 💧 Almost 1 billion gallons of water flow in and out of the aquifer every day,