



Our Water Source

Most of San Antonio's water comes from groundwater in an aquifer. Our aquifer is called the Edwards Aquifer. To get groundwater, a well is used to pump it out and send it to you. Find out how water is pumped from a well by building your own!

Activity:

Materials: You will need a clear vase or cup, gravel/ pebbles, a liquid soap dispenser pump and water. (Rice or beans can replace gravel.)

Instructions: Fill your cup with pebbles and then pour in water until the cup is about half full. It represents groundwater in an aquifer. Put the soap dispenser in the cup so that the end is at the bottom of the cup. It represents the pump for your well. Press on the top of the dispenser to start pumping water out! Check out the video links below to learn more about groundwater and wells.

K-5th: [Know Your H2O](#)

K-5th: [Groundwater](#)

K-5th: [Video: Drop Inside the Edwards Aquifer](#)

3rd-5th: [Video: How an Aquifer Works](#)

4th-5th: [Video: Understanding Aquifers: Demonstration with a Physical Model](#)

4th-5th: [Video Part II: Unconfined and Confined Aquifers](#)