

# How Does an Aquifer Work?

## Work?

? What happens to rain?

### Procedure:

1. Build a model aquifer in the plastic container with the drainage holes. Use the rocks, gravel, sand, and dirt to fill in each layer.
2. Place your model in a larger clear tank.
3. Add groundwater by filling a shaker container with water and creating "rain" on your model.
4. Pour off and measure the rain water that drained through your aquifer.

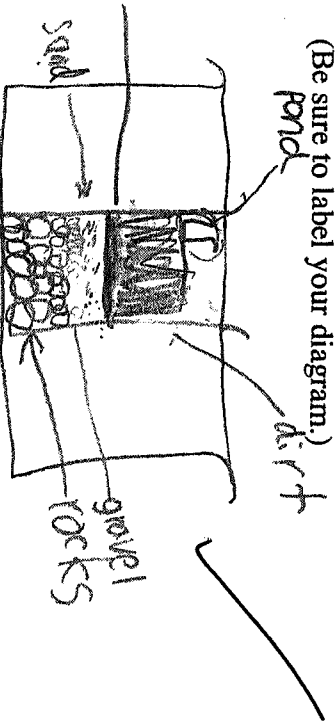
### Definition:

Aquifer:

a place underground where water is stored

### Diagram of your aquifer:

(Be sure to label your diagram.)



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Conclusion: What did you notice about the amount of water that drained through your model compared to the amount of rain that fell? How can water be stored in an aquifer?

We use a lot of rain water where is it?

1 Drained through

2 some went off into pond

3 stuck in the rocks/sand/gravel/dirt

Which water had less pollution - pond? - Soak in water?