

Name:	Date:
٦	he Fertilizer We Use
Materials: 1 - 12 oz Plastic Cup 1 - White Paper Towel 1 - Rubber Band 1 tsp. Dishwashing Liquid	1 tsp. Vegetable Oil 1 tsp. Pepper ¾ cup Water
<ol> <li>Loosely cover the cup of The paper towel should</li> <li>Tear off any excess paper water inside.</li> <li>Draw and record obsert below. The paper towel</li> </ol>	about half of the water (% of a cup).  with the paper towel and secure it with the rubber band be sagging a little in the middle, not pulled tight. er towel from around the cup so students can see the rations of the paper towel and the water in the box represents the soil on a farm and the water in the cup that will be used as drinking water.
Draw and record your observe begins. Make sure to include	ations of the paper towel and water before the activity abels.



## Procedure

- 5. Pour the dishwashing liquid onto the paper towel. This represents the fertilizers we use to grow our food. The paper towel is represents the soil where the crops grow and the water beneath is representing where we get our drinking water.
- 6. Drop the oil on the paper towel. This represents the oil that may leak from the tractors and trucks used to harvest and transport the food.
- 7. Sprinkle the pepper on the paper towel. This represents the air pollution caused by the trucks' and tractors' exhaust.
- 8. Pour the remaining water through the paper towel and into the cup. This represents rainfall.
- 9. Draw and record observations of the paper towel and the cup in the box below. Include labels to show what has changed.

Draw and record your observations of the paper towel and the cup again. Include

el —	ls to show what has changed.
_	
	What happened to the groundwater?
	What happened to the paper towel (soil)?