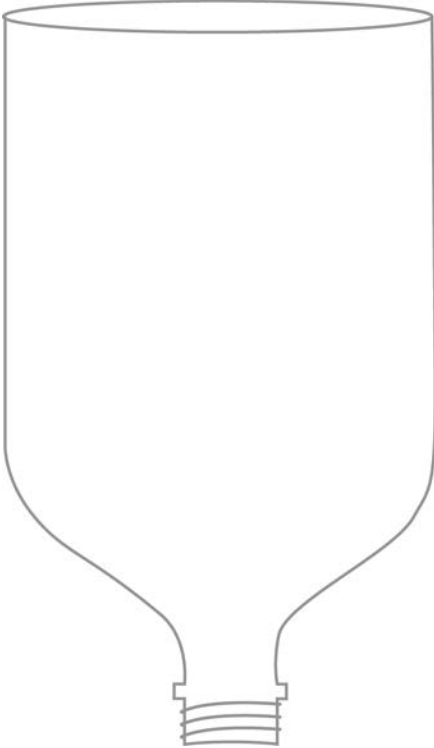


The Filter Challenge

Names of students in your group: _____

Period: _____

Reasoning	Filter Design:	Observations/results:
<p>Why did your group design the filter this way?</p>		<p>Describe water quality:</p> <p>Quantitative analysis using Colorimeter: _____ FAU</p>

Select only **FIVE** of the following items. Circle the items you choose.

- 1 sponge
- 1 nylon
- 1 cheesecloth square
- 5 rubber bands
- 10 paperclips
- 5 straws
- 1 coffee filter
- 6 feet of yarn
- 1 napkin
- 5 cotton balls
- 1 foot of duct tape
- 1 wire mesh square
- 1 cup sand
- 1 cup gravel
- 1/4 cup activated charcoal

NOTE: Once your group has received its items you may not exchange them for other items.