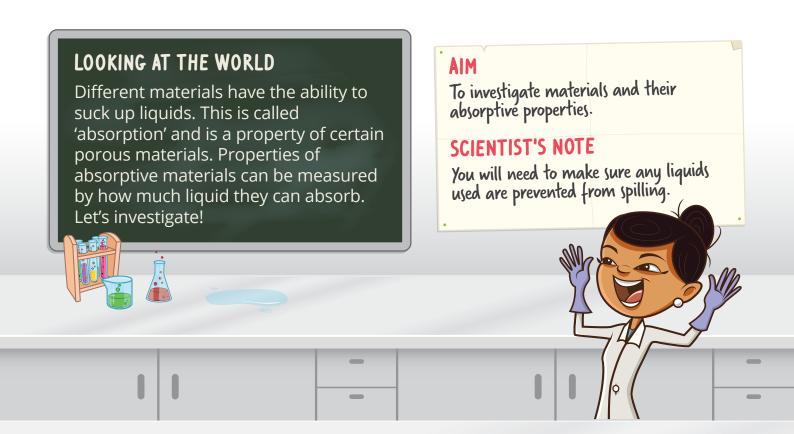
## Suck It Up!



## Method

- 1. Fill the pan with water until it is half full. Carefully pour the water from the pan into the measuring cylinder. Place the measuring cylinder on a table, wait for the water to level, then measure and record the volume of water. Once you have recorded the volume, pour the water back into the pan.
- 2. Place the kitchen sponge into the water and start the stopwatch. After one minute, carefully remove the sponge (taking care not to squeeze it). Put the sponge into the bucket without spilling any water.
- 3. Pour the water remaining in the pan into the measuring cylinder. Place the measuring cylinder on a table, wait for the water to level, then measure and record the volume of water.
- 4. Repeat this process for the three other materials being tested. Be sure to record all data from each test in the table.

## Equipment

1 x measuring cylinder

3 x different materials, cut to the size of a kitchen sponge

1 x kitchen sponge

1 x shallow pan

1 x stopwatch

1 x bucket



ame	Date
Suck	It Up!
ariables: (Which variables will stay the s e changed?)	ame and which variables should
Variables that we could change:	Variables that we will change:
	Dependent variable that
	we will measure:
Ve are going to measure	
y changing	
lypothesis: (What do you think will happ	ven during the experiment?)
iypotilesis. (What do you think will happ	en during the experiment:)





Suck It Up! - Worksheet	
Name	Date
Diagram: (Draw an accurate picture of the experiment and	abel all the parts.)
Results: (What happened during the experiment?)	

Absorptive Material	Remaining Tray Volume	Equation	Absorption Volume
kitchen sponge			





Suck It Up! - Worksheet	
Name Date	
Discussion: (What do the results tell you?)	
1. Discuss any patterns, trends or relationships you noticed in the da you collected.	
2. What explanations could there be for these patterns, trends or rel	ationships.
3. Can you think of another way this experiment could be performed measure absorptive properties of different materials?	to

Date
?)
ge can be used.



