

NOVA LAB WORKSHEET

SCIENCE EVERYWHERE!

Name: _____ Date: _____

Use the scientific method to figure out what happens when baking soda and vinegar are mixed together.

1. Question	What happens when I change the amount of baking soda in the balloon?		
2. Hypothesis (Guess)			
3. Experiments	#1	#2	#3
4. Observations			
5. Analyze (What did you learn?)			

USING THE

SCIENTIFIC METHOD



1 QUESTION

Ask yourself, “What do I want to learn more about?”, or “I wonder what would happen if . . . ?”

2 HYPOTHESIZE

Research to help you make an educated guess, or hypothesis, and then answer your question.

3 EXPERIMENT

Test your hypothesis by making a plan and conducting an experiment.

4 OBSERVE & RECORD

Make careful observations and write down what happens.

5 ANALYZE

Use your information to draw conclusions about your experiment. Was your hypothesis correct?

6 SHARE RESULTS

Explain your results by presenting your experiment, observations, and conclusions.