

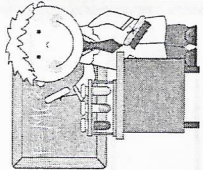
MY SCIENCE Journal

Observations

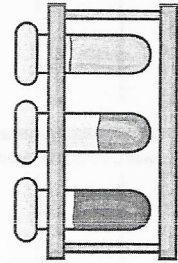
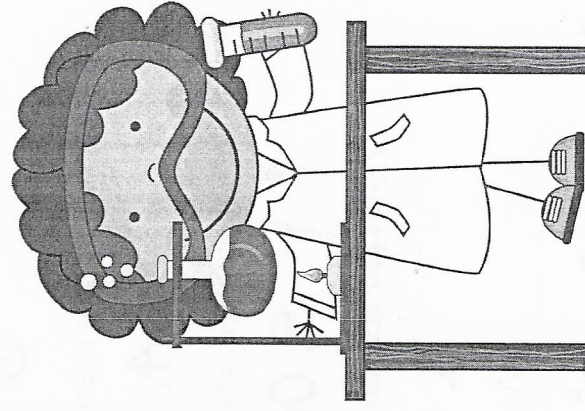
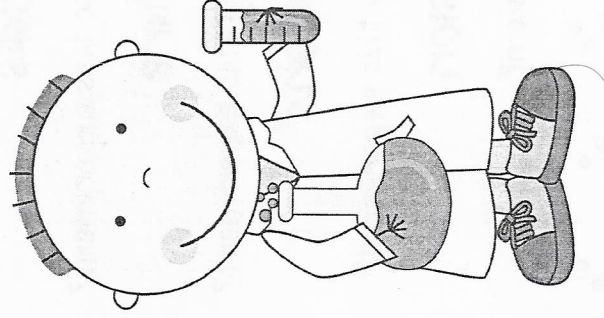


A large rectangular box with a grid pattern for writing observations. A small illustration of a microscope is located in the bottom right corner of the box.

My Conclusion

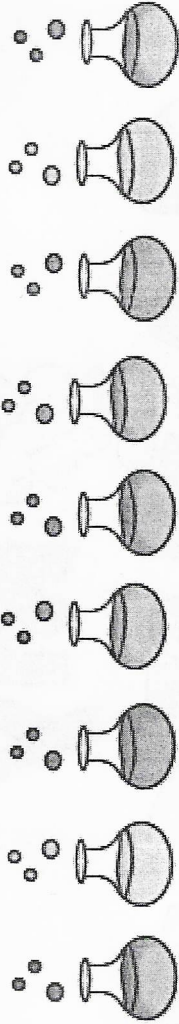


A large rectangular box with a grid pattern for writing a conclusion. A small illustration of a child sitting at a desk with a computer is located in the top right corner of the box.



Name

The SIX steps of the Scientific Method



1. Problem or Question

What are you trying to learn by doing this experiment?

2. Hypothesis

What do you think will happen?

3. Materials

What do you need to complete this experiment?

4. Procedure

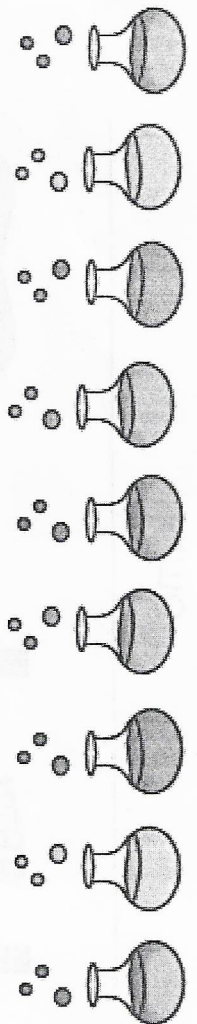
What are the steps for doing this experiment?

5. Observations

What did you see while doing this experiment?

6. Conclusion

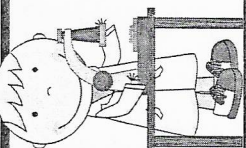
What did you learn?



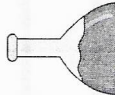
Our Question



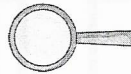
My Hypothesis



Materials



Procedures



Dear Parents,

As part of our IB unit *How the World Works* we have been studying the scientific method. Our central idea is “we use investigation to learn about the world around us.” As a summative assessment for this unit we want to see how well the students know how to investigate the world. Students are required to complete a science project at home, fill out their science journals (attached), and share the results with the class. The grading rubric is found below. Students may choose any experiment that they want: big or small, easy or complicated, we just want them to have fun learning and exploring. The project will need to be returned to school on or before April 10, 2017. We will be presenting them to the class on April 13, 2018. If students do not complete and return this assignment they will be given a zero. Good luck with your scientists!

-First Grade



Science Project Rubric

Name:	<u><i>1: Fails to Meet Expectations</i></u>	<u><i>2: Approaching Expectations</i></u>	<u><i>3: Meets Expectations</i></u>	<u><i>4: Exceeds Expectations</i></u>
Lab report reflects first grade work, including handwriting.	Majority of work is in parent handwriting.	Work shows first grade thought and some parent handwriting.	Work shows first grade thought and no parent handwriting.	Work shows first grade creativity and no parent handwriting.
Student shows understanding of scientific method.	Student uses less than three steps in the scientific method.	Student uses three steps in the scientific method.	Student uses four or five steps in the scientific method.	Student uses all six steps in the scientific method.
Student's writing uses correct grammar.	Student uses correct capitalization and punctuation none of the time.	Student uses correct capitalization and punctuation some of the time.	Student uses correct capitalization and punctuation most of the time.	Student uses correct capitalization and punctuation all of the time.
Students prepare visual aid.	Visual aid is not completed or does not represent experiment.	Visual aid somewhat represents experiment, but is not well-organized.	Visual aid accurately represents experiment.	Visual aid accurately represents experiment and is neat and creative.
Students share their experiment with the class.	Student does not share their experiment with the class.	Student struggles to describe their method and results and/or speaks unclearly.	Student can describe their method and results with little support with a clear and audible voice.	Student can independently describe their method and results with the class with a clear and audible voice.
Total: /20				