

Scientific Investigations Planning Sheet

Name _____

Date _____

Record your scientific investigation data on the chart below:

Experiment Title: The Floating Paperclip Experiment

1. State the problem.

What exactly do you want to know?

2. Form a hypothesis.

Propose a theory based on information you have gathered or what you have observed.

3. Make predictions.

What will happen if your hypothesis is true? How can your hypothesis be tested?

4. Test the hypothesis.

Conduct an experiment that will test your hypothesis.

5. Draw Conclusions.

Does your data agree or disagree with the hypothesis?

What can you learn from this?

Scientific Investigations Science Experiment

Name

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Follow the directions to conduct the “Floating Paperclip” science experiment.

The Floating Paperclip Experiment

Does a paperclip float on water? Try this experiment and see what happens!

Materials and tools:

- clean dry paper clips
- tissue paper
- a bowl of water
- pencil with eraser

Procedure:

1. Fill the bowl with water.
2. Tear a piece of tissue paper about half the size of a dollar bill.
3. GENTLY drop the tissue flat onto the surface of the water.
4. GENTLY place a dry paper clip flat onto the tissue (try not to touch the water or the tissue).
5. Use the eraser end of the pencil to carefully poke the tissue (not the paper clip) until the tissue sinks.

What happens?
