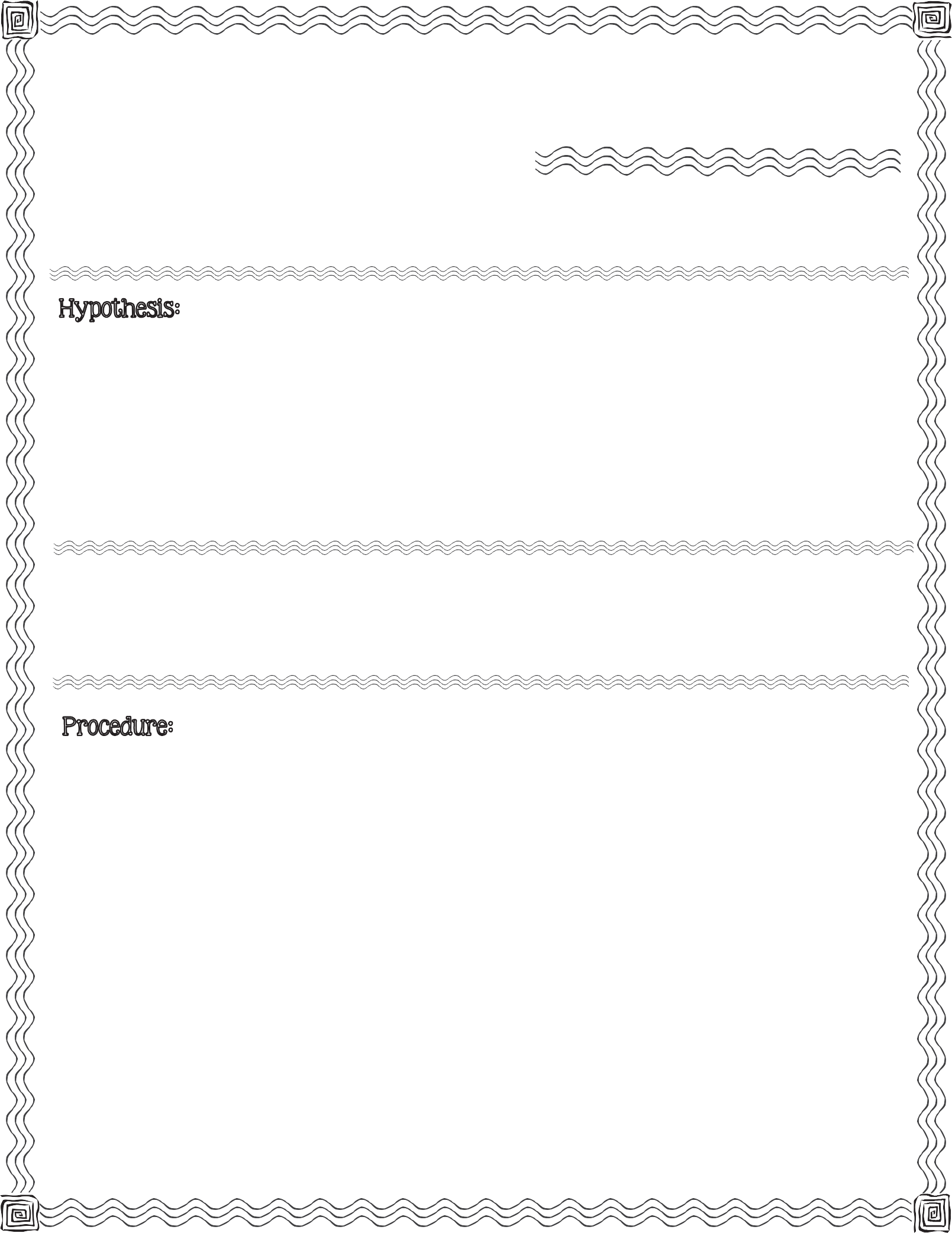
Hot Reaction

*Name:*

A Chemical Reaction Investigation



First, read the procedure below. Next, write your hypothesis for what you think will happen when steel wool soaked in vinegar is placed inside a sealed glass jar.

steel wool, vinegar, small bowl, tall glass jar with lid, thermometer

* 1. Your teacher will give you a piece of steel wool. Place the steel wool into the bowl.
  2. Pour vinegar over the steel wool until it is completely covered. Soak for 3 minutes.
  3. Carefully remove the steel wool from the bowl. Allow excess vinegar to drain off the steel wool.
  4. Record the temperature displayed on the thermometer (Question #1 on back).

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* 1. Gently wrap the steel wool around the bottom of the thermometer.
  2. Place the steel wool wrapped thermometer in the glass jar. Place the lid on jar.
  3. Monitor the thermometer’s temperature for about 5 minutes.

c

1. Record the temperature displayed on thermometer before it is wrapped with steel wool and sealed in the glass jar.
2. Record your observations and changes.

At start.

After 2 minutes.

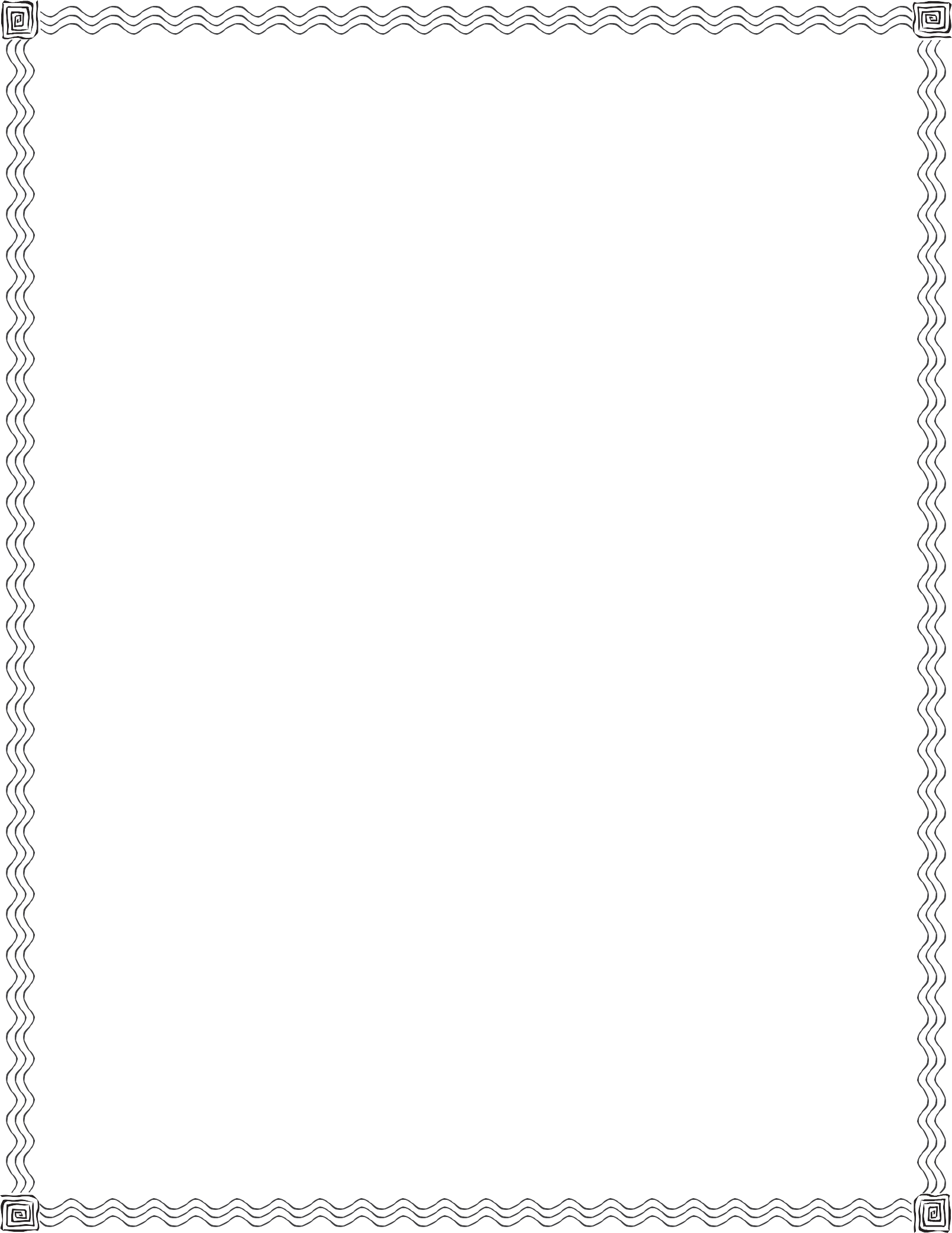
After 5 minutes.

Changes: Changes: Changes:

Describe Results:

Compare your hypothesis to the real outcome:

Hot Reaction



A Chemical Reaction Investigation