![C:\Users\alice.leung\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\2B7QVDA3\MC900351967[1].wmf]()Chemical changes

**Instructions**

Follow the method for the 3 experiments below and record your observation in the results table. Wear safety glasses for all experiments.

**Experiment 3**

* Look at the barium chloride and sodium sulfate solutions. Do you see white bits floating in them?
* Mix the barium chloride and sodium sulfate together in a test tube. Now what do you see?

**Experiment 2**

* Cover the bottom of the beaker with copper sulfate solution.
* Use tongs to place a piece steel wool into the copper sulfate solution.
* Leave the steel wool in the copper sulfate for one minute.
* Take out the steel wool. What do you see?

**Experiment 1**

* Place a magnesium strip in a test tube.
* Add just enough drops of hydrochloric acid to the test tube until the magnesium is covered.
* Look at the test tube. What do you see?
* Feel the test tube. What do you feel?

**Results**

Tick the observations that you made in each experiment.

|  |  |
| --- | --- |
|  | **Observations** |
| **Experiment** | **New colour appears** | **Bubbles form** | **A solid forms from two liquid** | **Temperature change** |
| Magnesium metal in hydrochloric acid |  |  |  |  |
| Steel wool in copper sulfate solution |  |  |  |  |
| Sodium sulfate mixed with barium chloride |  |  |  |  |