

Part 1 ∞ ICE

4 ice cubes
in a small
beaker.

When you're done with this
make sure the beaker is cool
enough to pick up bare handed,
and use soap and water to
wash. Put upside down to drain.

Part 2 ∞

TWO SOLUTIONS - into a small beaker.

Take both flasks to your area,
put a few drops of each into a
small beaker.

LOOK REALLY HARD, do you
see what happens?

Do not cross contaminate the
eyedroppers/solutions.
Wash with soap and water.

Part 3 ∞

Sodium Hydrogen Carbonate & Acetic Acid

~ 25 mL acid with a big scoop of powder. At your table, all acid goes in at once!

Wipe up well.

Part 4 ∞

Cu + fire

Using TONGS, put copper sample into the hottest part of the flame (cone of pain) and turn like a hot dog. Red Hot means it will hurt your skin.

When cool, LOOK: *Is it RED or BLACK?* Get name from these 2 little bottles of the different "copper oxides".

Part 5 ∞

Sodium Hydrogen Carbonate (again)

A nice sized scoop into a test tube, use the test tube clamp, heat it up, and carefully tap the tube with a pencil.

Show your teacher

(let him ask you questions about what this produces).

Soap and water, drain tubes
UPSIDE down.

Part 6 ∞

Scariest Part of the Lab.

Magnesium metal and tongs.

Bunsen burners, DO NOT LOOK
at the BURNING metal.

Keep it over the black tables.
Straight arm!!

Fingerprints please.

Part 7 ∞

H_2O + potassium
nitrate

Not in the mouth,
or else



Beaker of water, temperature
check, put powder into water,
stir gently, temperature check
number 2. What's going on
(TOPIC-B?). Soap + water.