

Skills Day

Lighting a Bunsen Burner

1. Lighting a Bunsen Burner
2. Color of Flame -
3. Increase Oxygen
4. Color of Flame -

Magnesium in Bunsen Burner

Word equation:

Chemical equation:

Using a triple beam balance

Mass of beaker =

Mass of Flask =

Mass of beaker and sodium hydrogen carbonate =

Mass of flask and hydrochloric acid =

Total mass of reactants = mass of sodium hydrogen carbonate and mass of hydrochloric acid

Mass of Products =

Law of conservation of mass states that the mass of the reactants must equal the mass of the products

Why was the mass of the products different than the reactants?

Skills Day 2

Copper (II) Sulfate

Appearance of chemical before -

What happens during the heating? -

Appearance of chemical after heating -

What happens to chemical when water is added? -

Measurements:

Mass of beaker, test tube and copper sulfate before:

Mass of beaker, test tube and copper sulfate after:

Mass of water:

Reaction:

Magnesium in Acid

What happens when magnesium is placed in the acid?

What happened when a flame was placed by the mouth of the test tube?

Reaction: