

NATURAL SCIENCES- GRADE 7

MEMO- PROPERTIES OF MATERIALS

Strength: steel, bricks, hard plastic, concrete, some types of wood ... etc.

Think of a window:

1. **Purpose:** lets light and fresh air in, lets stuffy air out, safety- protects us from dust, wind etc.
2. **Made of:** strong clear transparent glass, made with a strong metal or wooden frame designed to open and close.

ACTIVITY 1:

1.
 - a. Copper
 - b. Plastic cling wrap
 - c. Hard plastic
 - d. Concrete
 - e. Newspaper.
 - f. Copper or hard plastic
 - g. Concrete
 - h. Steel
 - i. Hard plastic or Steel
 - j. Copper

2.
 - a. The temperature at which a liquid starts to boil.
 - b. The containers that the liquids are placed in and the amount of liquid in each.
 - c. Independent variable: type of liquid.
Dependent variable: boiling point.
 - d. Three identical containers, Bunsen burners, tripod or stand, thermometer.