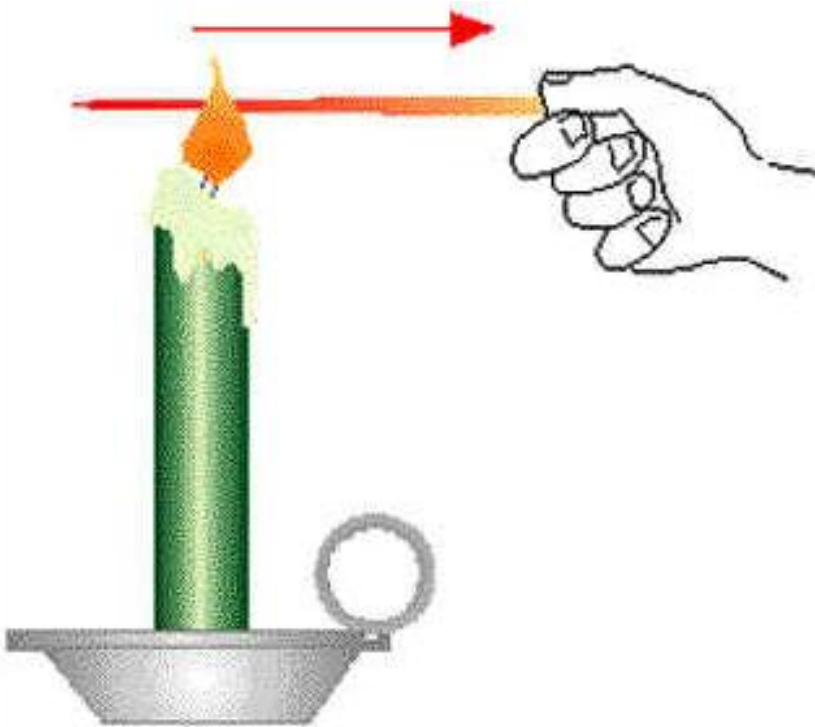


6th Grade
Chemistry
Physical Properties

Conductor



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A material that allows heat or energy to pass through.

Insulator

A material that does not allow heat or energy to pass through.

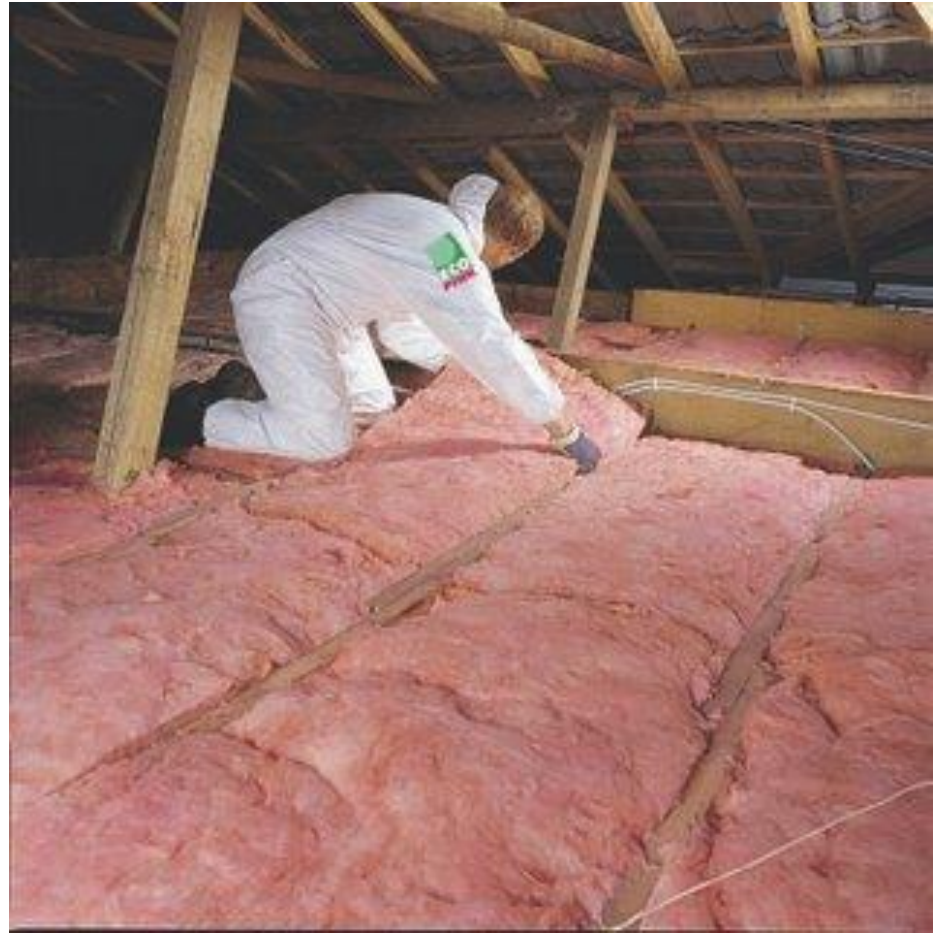


Image from: <http://coolexcooling.com/2008/04/06/benefits-of-ceiling-insulation/>. Definition: adapted from : [Science Access](#) glossary, page 313.

Luster



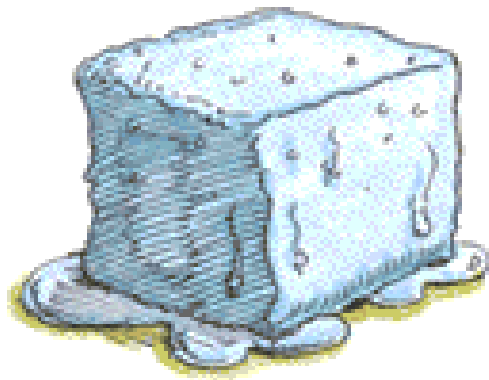
An object that has a shiny surface.

Malleable

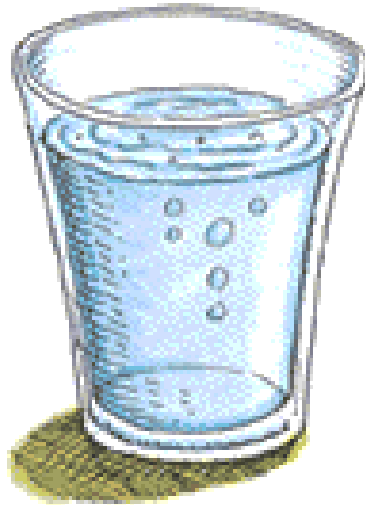
The ability of a substance to be pounded into a thin sheet.



Mass



SOLID



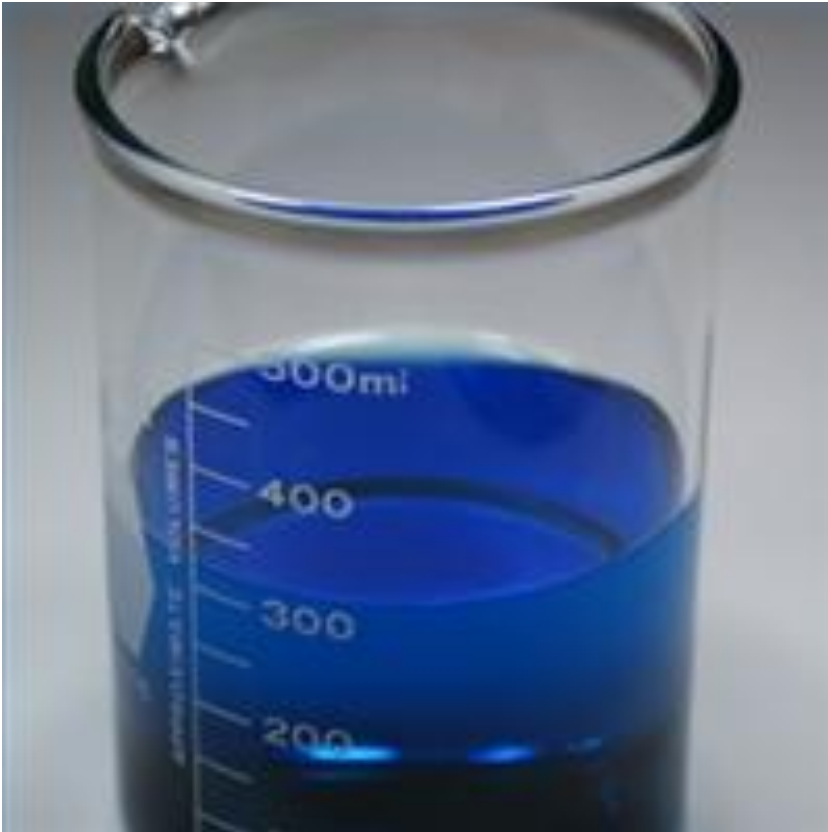
LIQUID



GAS

Anything that has matter and takes up space.

Volume



The amount of space an object takes up.

Metal

An element that is usually a solid, shiny conductor.

(image of copper)



Non Metal



An element that is usually not shiny, easy to break apart, and does not conduct heat or electricity.

Metalloid



An element that has properties of metals and non metals.

(such as the element Boron)