

Vocabulary



boiling point the temperature at which a liquid becomes a gas

Boiling point is a property that is different for each substance. The boiling point of oxygen is low because oxygen is a gas at room temperature.

conductivity a property that shows how easily heat or electricity flows through matter

Metals are good conductors because both heat and electricity flow easily through them. Plastic and glass have poor conductivity because heat and electricity don't flow easily through them.

melting point the temperature at which a solid becomes a liquid

An icy road becomes wet when the temperature of the road rises to the melting point of water. Melting point is the same temperature as the freezing point, where a liquid becomes a solid.

property a characteristic of matter that can be used to identify it

If you described water, you might say that it is a colorless, odorless liquid. You might mention its melting point and boiling point. All these characteristics are properties of water.

solubility a measure of how easily one substance dissolves in another substance

When you add sugar to iced tea, the sugar dissolves. If you keep adding sugar, eventually no more sugar dissolves. The amount of sugar dissolved at this time and the volume of tea can be used to find the solubility of sugar in water.