

Physical Properties

MATTER

CLUE: I TAKE UP SPACE AND I HAVE MASS.

Physical Properties

MASS

CLUE: I AM A PART OF MATTER, BUT I DO NOT TAKE UP SPACE.

Physical Properties

MAGNETISM

CLUE: I ATTRACT AND REPEL.

Physical Properties

SOLID

CLUE: I CAN BE HARD, OR ROUGH, AND I CAN BE SMOOTH. I MAKE THE DESK, THE CHAIR, AND EVEN YOU.

Physical Properties

LIQUID

CLUE: COKE, PEPSI, AND MOUNTAIN DEW; MY STATE OF MATTER MAKES ME GO DOWN SMOOTH.

Physical Properties

GAS

CLUE: WATER VAPOR IS AN EXAMPLE OF ME.

Physical Properties

SOLUBILITY

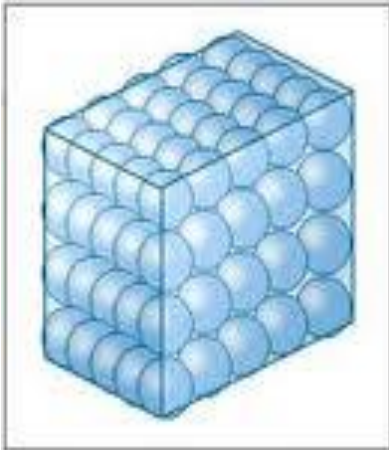
CLUE: ABILITY TO DISSOLVE IN WATER.

Physical Properties

CONDUCTION

CLUE: WHEN HEAT STARTS MOVING BETWEEN OBJECTS.

Physical Properties



Physical Properties

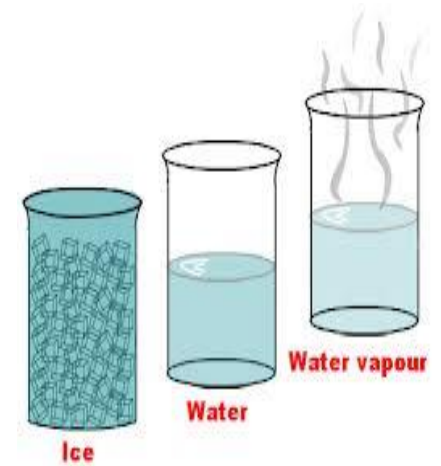


Physical Properties

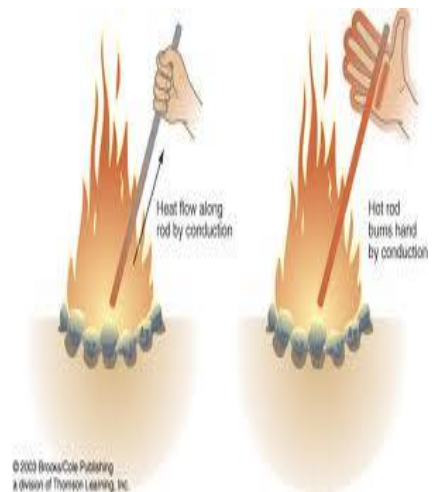
I measure?



Physical Properties



Physical Properties



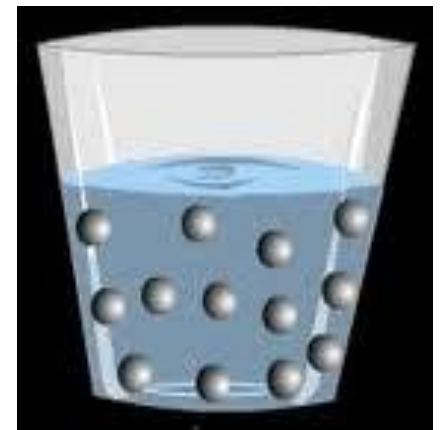
Physical Properties



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Ask: What word describes an object that does NOT allow thermal or electrical energy to flow through it easily?

INSULATOR

Ask: What word describes an object's ability to sink and float.

DENSITY

Ask: What word describes the energy that is measured with a thermometer?

THERMAL

ENERGY

Ask: What word describes what happens to water at 100 degrees Celsius?

BOILING

POINT

Ask: What happens to water when it turns from a solid to a liquid?

MELTING

Ask: What happens to water at 0 degrees Celsius?

FREEZING/

MELTING

POINT

Ask: What word means to sink or float?

DENSITY

Ask: What word describes how something feels?

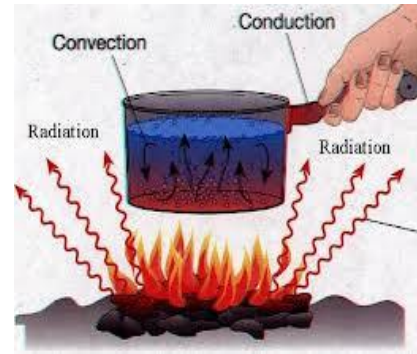
TEXTURE

Physical Properties



Physical Properties

I am an energy

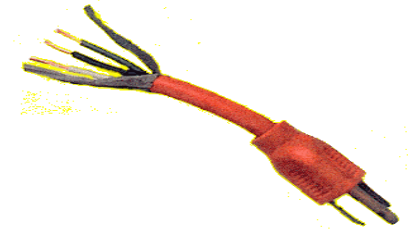


Physical Properties



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What vocabulary word tells us why they used plastic to cover the wire?



Physical Properties

Smooth stones describe its....



Physical Properties

Why do the big ones and the small ones float the same?



Physical Properties

0 degrees Celsius

Physical Properties

I have reached this point



Ask them if this is a Mixture or a Solution?

Answer: Mixture

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Answer: Mixture

Ask them if this is a Mixture or a Solution?

Answer: It is both a solution and a mixture because a solution is a special kind of mixture where the items dissolve in water.

Ask them: What part of the water cycle does this picture could represent.

Answer: condensation (clouds)

Ask: What does the number 3 represent in the water cycle diagram?

Answer: Evaporation

Ask them if this is a Mixture or a Solution?

Answer: It is both a solution and a mixture because a solution is a special kind of mixture where the items dissolve in water.

Ask: When water is mixed with salt the water will _____ into the water?

Answer: dissolve

Ask: All of the following are examples of what vocabulary word?

Answer: Property

Physical Properties



Mixtures- Solutions



Mixtures- Solutions



Mixtures- Solutions



Mixtures- Solutions

color size

shape texture

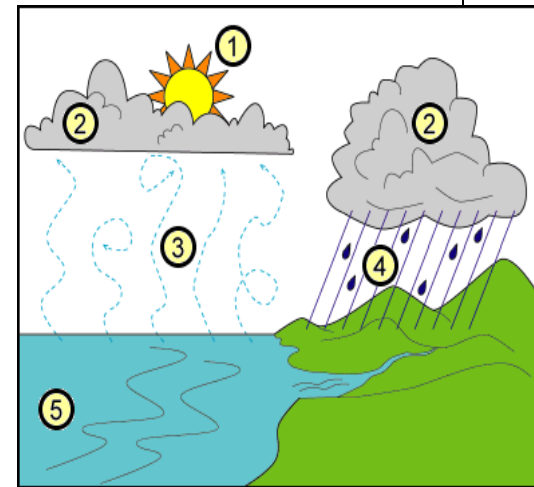
Mixtures- Solutions



Mixtures- Solutions



Mixtures- Solutions



Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: goggles-protect the eyes

Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: Beaker-measures the volume of liquids

Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: Triple beam balance- measures mass

Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: microscope – observes microscopic (small) things

Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: Mitt – protects the hands when holding hot objects.

Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: graduated cylinder- measures the volume of liquids

Ask: What is the name of this tool and what does it measure? Do we use the “C” or the “F” in science?

Answer: Thermometer – measures temperature in science we always measure in Celsius.

Ask: What is the name of this tool and what does it measure or what does it protect?

Answer: Spring Scale-measures force in newtons.

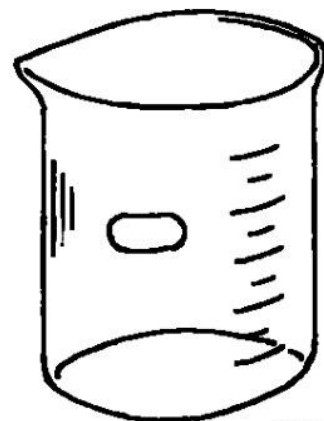
Safety and Tools



Safety and Tools



Safety and Tools



Beaker

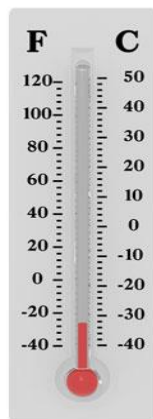
Safety and Tools



Safety and Tools



Safety and Tools



Safety and Tools



Safety and Tools



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