

The ability to  
make things  
move or change

Energy

the amount of  
matter in an  
object

mass

the amount of  
space an object  
takes up

volume

anything that has  
mass and takes  
up space

matter

The bubbling that  
happens in a liquid  
when enough heat is  
added

Boiling

The change of  
matter from a gas  
to a liquid

Condensing

The change of  
matter from a  
liquid to a gas

Evaporation

The change of  
matter from a  
solid to a liquid

Melting

The changing of  
matter from a  
liquid to a solid

Freezing

Energy that  
makes things feel  
warm

Heat

a feature or  
quality of  
something

property

the form that  
matter has

state of matter

heat flows between  
objects that touch  
each other

conduction

a material that heat  
does not move  
through easily

insulator

a material that  
heat moves  
through easily

conductor

a material that  
people burn to  
get energy

fuel

matter that does not  
have a fixed shape or  
a fixed volume

gas

matter that has a  
fixed shape and a  
fixed volume

solid

matter that has a  
fixed volume but does  
not have a fixed shape

liquid

a measure of how  
warm something  
is

temperature

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a tool for  
measuring the  
mass of objects

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balance