

CHEMICAL PROPERTIES

CHEMICAL CHANGE

Glue this
side down
into your
science
notebook.

Legal Size Print Out

8.5 x 14

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5th grade science

www.middleschoolscience.com

2009

PHYSICAL PROPERTIES

PHYSICAL CHANGE

paste answers into boxes

M

A

T

T

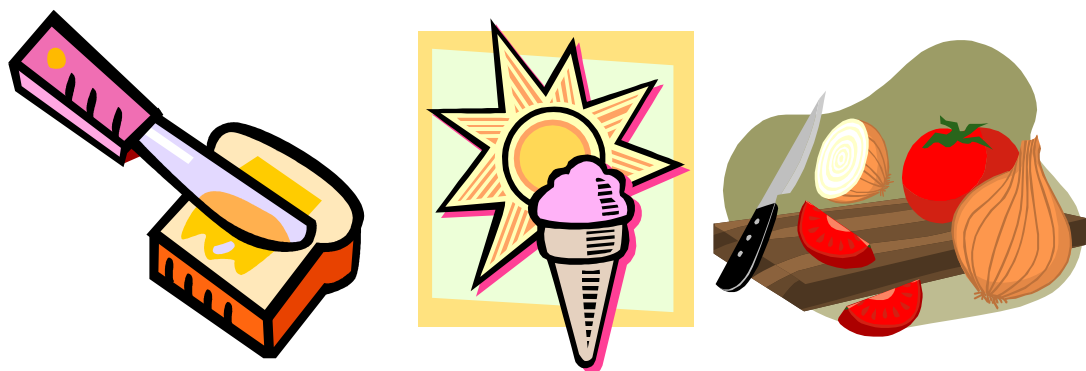
E

R

These properties can only be observed during a chemical reaction

odor **density**
mass
volume **state**
color

One or more substances are changed into new substances that have new and different properties



Directions: Cut along all dotted lines. Place descriptions into to the correct tabs. Glue into place.

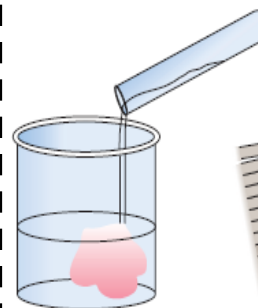
Describes matter based on its ability to change into new matter with different properties

Does not form a new substance

flammability

reactivity

Can be observed or measured without changing it.



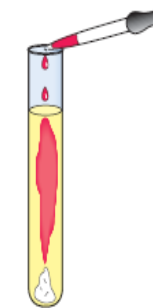
A new colour appears.



Heat, light, or sound is given off (or absorbed).



Bubbles of gas are formed. A new odour may be noticed.



A solid material (called a precipitate) forms in a liquid.

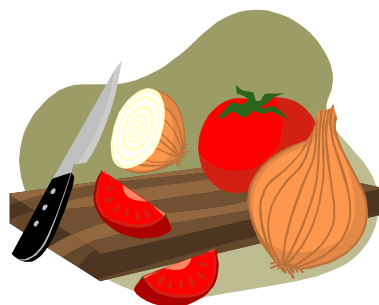
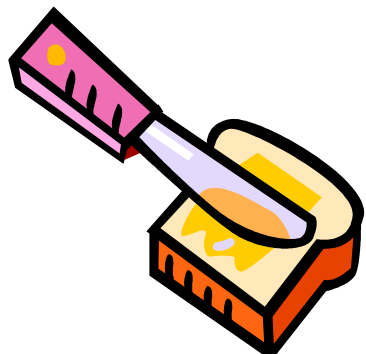


The change is difficult or impossible to reverse.

**Can be observed or measured
without changing it.**

**odor mass density
volume color state**
physical properties

Does not form a new substance



physical change

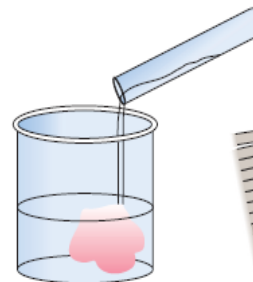
ANSWER KEY

**Describes matter based on its ability to change
into new matter with different properties**

**These properties can only be observed
during a chemical reaction**

flammability reactivity
chemical properties

**One or more substances are changed into new
substances that have new and different properties**



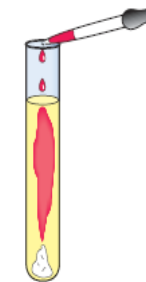
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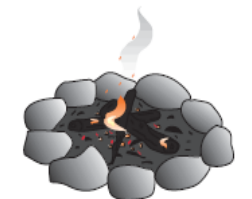
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A solid material
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forms in a liquid.



The change is
difficult or impossible
to reverse.

chemical change