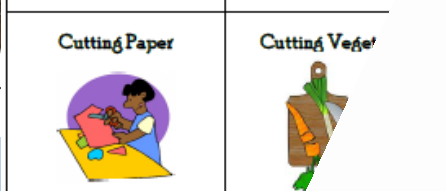
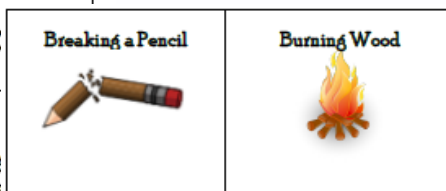




Physical or Chemical Change Card Sort

Physical Change	Chemical Change
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When one substance combines with another and turns into a new substance	When a change affects the form of an object but not its composition
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Cooking Eggs


Lighting Match


Chemical
 When one substance combines with another and turns into a new substance
 Wheel rusting
 Burning wood
 Baking a cake
 Reacting with chemicals
 Fireworks
 Cooking eggs
 Lighting a match

Physical
 When a change affects the form of an object, but not its composition
 Cutting a watermelon
 Breaking a pencil
 Melting ice
 Cutting paper
 Boiling water
 Peeling a banana

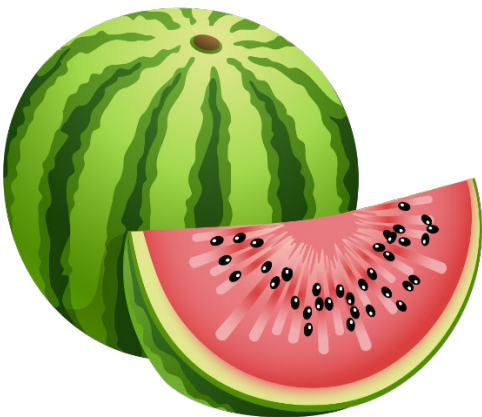
Fireworks


Peeling a Banana


Physical Change

When one substance
combines with another
and turns into a new
substance

Cutting a Watermelon



Chemical Change

When a change affects
the form of an object, but
not its composition

Wheels Rusting



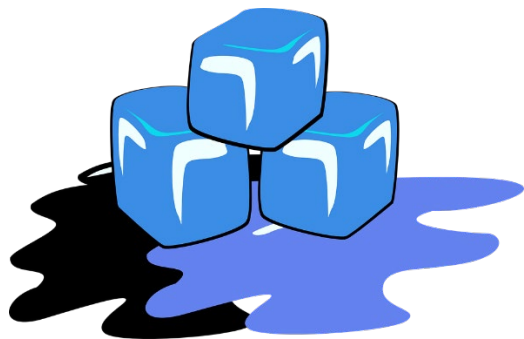
Breaking a Pencil



Burning Wood



Melting Ice



Baking a Cake



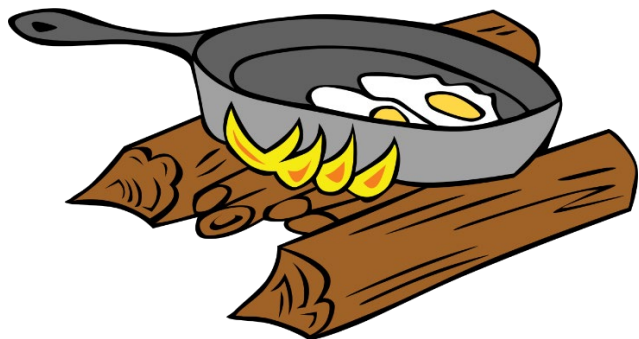
Cutting Paper



Cutting Vegetables



Cooking Eggs



Lighting Match



Boiling Water



Fireworks



Beaker with Chemicals



Peeling a Banana



Answer Guide

Chemical

*When one substance combines
with another and turns into a new
substance*

Wheel rusting
Burning wood
Baking a cake
Beaker with chemicals
Fireworks
Cooking eggs
Lighting a match

Physical

*When a change affects the form of
an object, but not its composition*

Cutting a watermelon
Breaking a pencil
Melting Ice
Cutting paper
Cutting vegetables
Boiling water
Peeling a banana

Physical & Chemical Change Card Sort

Learning Objective:

Students should be able identify the difference between physical and chemical changes in matter.

Target Learning Group:

ELL, ESE and struggling students may need to use class notes, graphic vocabulary and or text-books to help them apply what they have learned.

Directions:

Make copies for student use
have students group the items into two categories
go over the answer and discuss the why they grouped the items the way they did

Materials Needed:

- Copies of handout

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