

SECTIONS: 4A,B,C,D,E

DATE	HOMEWORK	PARENT SIGNATURE
Monday	→ Complete "Physical and Chemical Changes"	
Tuesday	→ Complete "Physical Changes"	
Wednesday	→ Complete "Chemical Changes"	
Thursday	→ Complete "Paper Changes"	
Friday	→ Complete "In the Kitchen"	

Reminders

- **Parents:** Don't forget to initial your child's HW Cover Sheet every night.
- Properties of Matter Test going home Monday for signature, due Tuesday.
- HW due Monday, October 1st
- Changes in Matter Quiz Thursday, September 26th

Science VOCABULARY

- **Physical property:** any measurable or observable attribute that describes matter
- **Mass:** a measurable physical property that can be described as the amount of matter in an object
- **Balance Scale:** an instrument/tool used to measure the mass of solids
- **Gram:** metric unit for mass
- **Volume:** the amount of space an object takes up
- **Graduated cylinder:** tool used to measure amount of liquids and powdered substances (volume)
- **Color:** an example of a physical property that can be observed
- **Texture:** another physical attribute used to describe how something feels when you touch it.
- **Chemical Changes:** takes place when a substance is completely altered
- **Physical Changes:** when a substance changes in size, shape, or both

Name _____ Date: _____

PHYSICAL & CHEMICAL CHANGES

What is a
physical change?

List and illustrate at least two
examples of physical changes.

List and illustrate at least two
examples of chemical changes..

What is a
chemical
change?

Name _____ Date: _____

PHYSICAL CHANGES

Sketch a physical change.



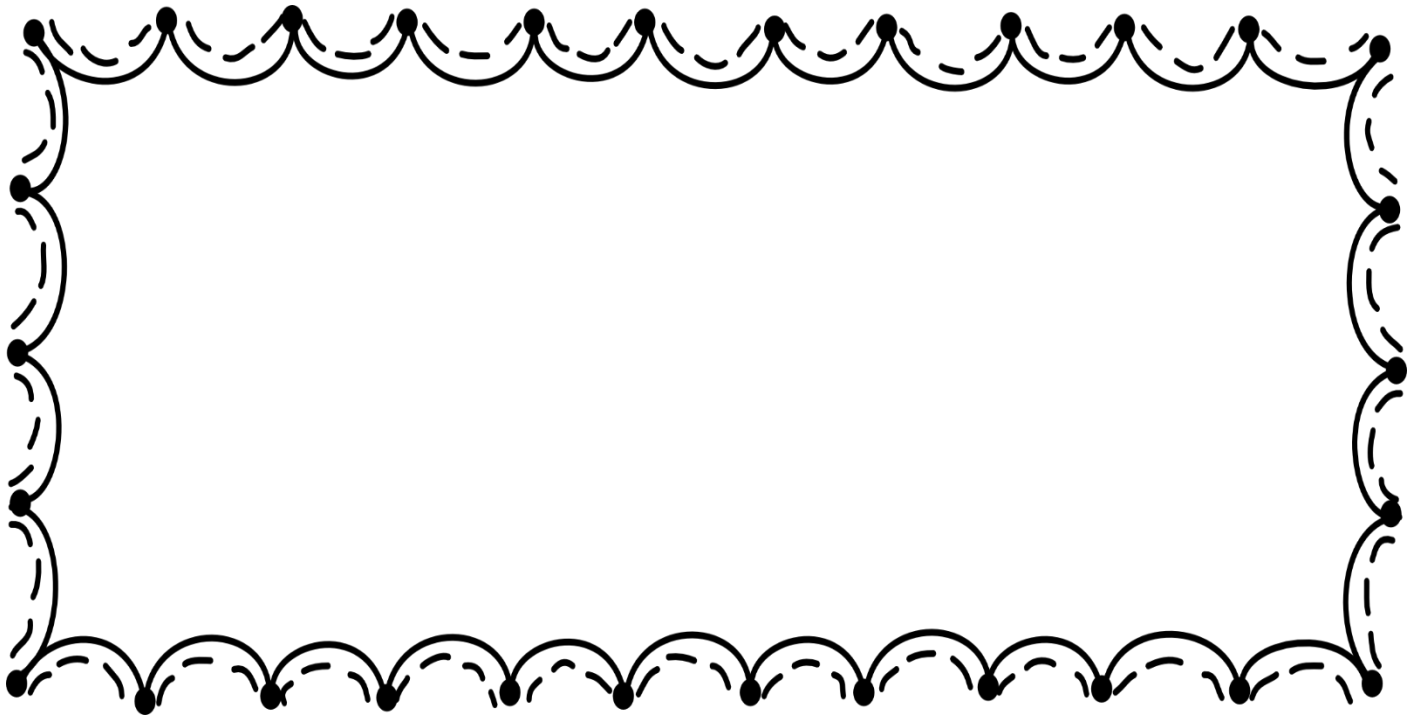
Explain how you know it is a physical change.



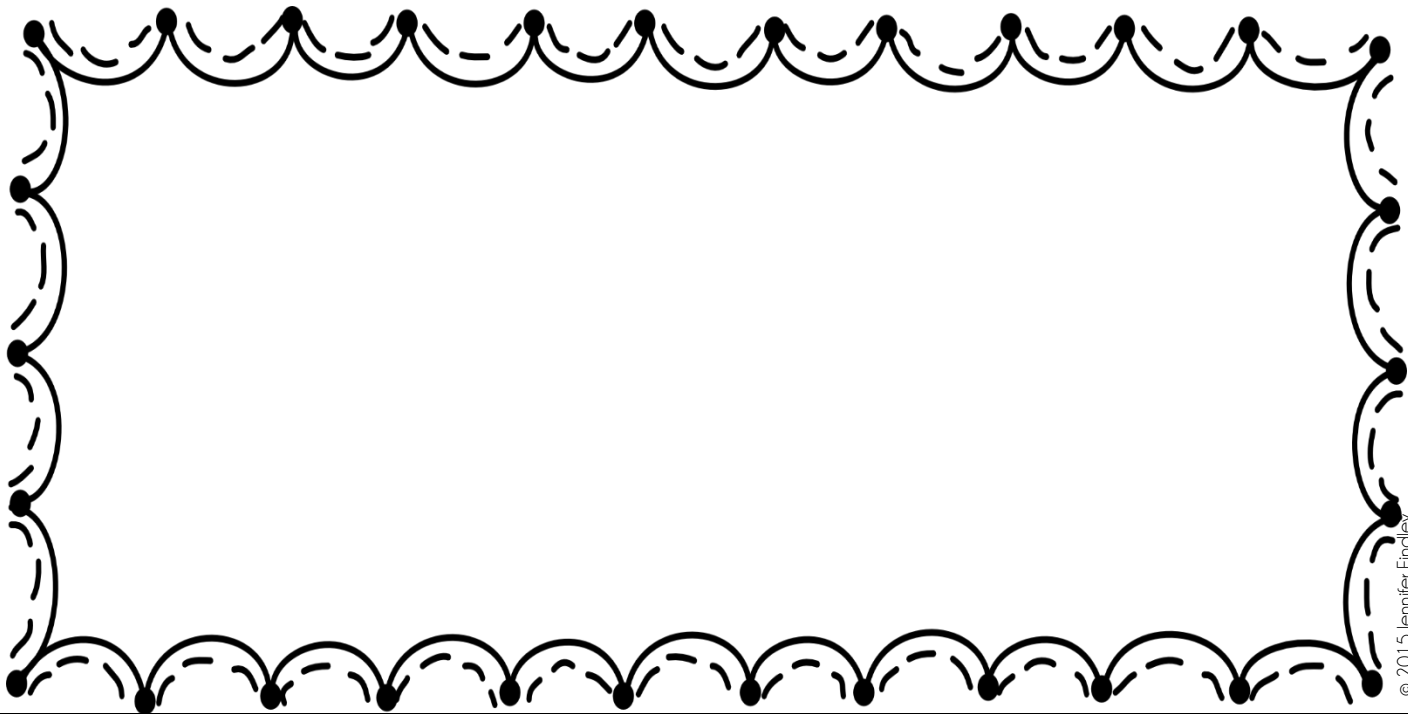
Name _____ Date: _____

CHEMICAL CHANGES

Sketch a chemical change.



Explain how you know it is a chemical change.



PAPER Changes



Name _____ Date: _____

Directions: Brainstorm some physical and chemical changes that can be done to a piece of paper. Explain one physical change and one chemical change in the boxes. Prove that you placed the change in the correct box.

PHYSICAL CHANGE

CHEMICAL CHANGE



IN THE KITCHEN....



Name _____ Date: _____

Directions: Brainstorm some physical and chemical changes that can occur in the kitchen. Then choose two to describe in the correct section. Also prove why the change is a physical change or chemical change.

**PHYSICAL
CHANGES**

**CHEMICAL
CHANGES**

