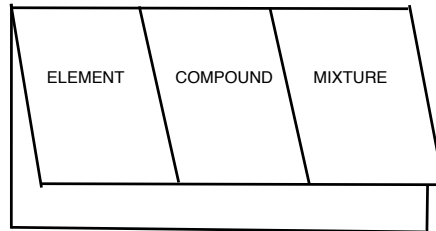# FOLDABLE - ELEMENT/COMPOUND/MIXTURE

DIRECTIONS
1. Cut out all the items below.
2. Fold your foldable (like the diagram on the right)
3. Title the flaps of the foldable. Write your name on back.
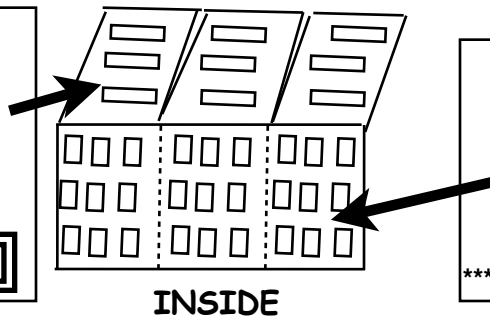4. Glue your pieces into the correct category

ELEMENT	COMPOUND	MIXTURE

DESCRIPTIONS/CHARACTERISTICS
(under top flap)

Elements: 3 descriptions
Compounds: 3 descriptions
Mixtures: 3 descriptions

*** 1 of them has an extra piece
- glue it on the front !!

found in
periodic table

INSIDE

EXAMPLES (PICTURES)
(on bottom half flap)

Elements: any 9 examples
Compounds: any 9 examples
Mixtures: any 9 examples

*** 3 do not belong at all !!!! throw away

---

can be physically separated	can be chemically separated	cannot be broken down	made up of 1 kind of atom	found in periodic table
pure substance	pure substance	not pure substance	2 or more elements combine **chemically**	2 or more substances combine **physically**

Salt (NaCl)

Baking Soda (NaHCO$_3$)

Sand

Sugar (C$_{12}$H$_{22}$O$_{11}$)

Aluminum Can (Al)

Hydrogen Peroxide (H$_2$O$_2$)

Mercury (Hg)

light

Carbon Monoxide (CO)

Chicken Noodle Soup

Neon Light (Ne)

Helium (He)

Copper Wire (Cu)

Salad Dressing

Bleach — Sodium hypochlorite (NaOCl)

isopropyl alcohol (CH$_3$)$_2$CHOH

sound waves

CO$_2$ dry ice

Carbon (C)

Milk

Trail Mix

Salt Water (NaCl + H$_2$O)

Blood

Water H$_2$O

Silver (Ag)

Soda

Gold (Au)

hot chocolate

steel (Fe + C)

Iron (Fe)

Potassium (K)

Nicotine (C$_{10}$H$_{14}$N$_2$)

ELECTRICITY