

## Station 1

### Vocabulary Building

1. Work as a group, match the vocabulary word cards with their correct image.
2. Work in pairs, Match Word cards with definition cards.
3. Work in pairs, Sort the examples of Physical vs. Chemical Changes.

## Station 2

### Density Problems

1. Work in Pairs, Sort unit with measurement...

Mass = ?

Volume = ?

Density = ?

Copy this in your notebook.

2. Work in pairs through the density word problems. Use the green papers and whiteboard markers to work out your problems (put the answers in your notebook)

## Station 3 Density Lab

There are assortments of objects at your table.

You will be measuring their mass and volume.

-If the object is square or rectangle, you may use the rules and measure the objects length, width, and height. Then, multiple these numbers together to get the volume.

- If the object has an irregular shape, use water displacement to figure out the volume.

*Water level after object has been placed in beaker - the original water level = objects volume (mL).*

- Use the balances to figure out the objects mass.

You will then use that mass and volume to calculate the objects density.

Make a chart in your notebook:

| Object | Mass | Volume | Density |
|--------|------|--------|---------|
|        |      |        |         |
|        |      |        |         |
|        |      |        |         |