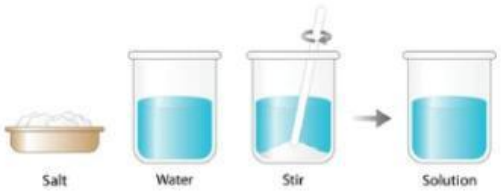
Activity 3: Properties of Matter

Match the property to its best definition

1. Melting point
2. Boiling point
3. Magnetism
4. Thermal conductivity
5. Electrical conductivity
6. Malleability
7. Solubility
8. Reactivity
9. Flammability
10. Density

a. How well electric currents move through a substance
b. Ability to burn easily
c. Amount of matter packed into a given amount of space
d. Ability to be rolled or pounded into different shapes
e. Force of attraction that can act at a distance
f. Rate at which a substance transfers heat
g. Ability of a substance to dissolve into another substance
h. Temperature a substance changes from solid to liquid
i. Ability to interact with another substance to form a new substance
j. Temperature a substance changes from a liquid to a gas



Making a Solution:

1. The salt is the _____
2. The water is the _____
3. The solution is _____

Size Dependent or Size Independent?
Place the words from the word bank into the correct category. Remember size independent are characteristic properties.

***Word Bank**: melting point • solubility • volume • magnetism • conductivity • weight • malleability • density • reactivity • flammability • mass*

Size Dependent	Size Independent

LIVEWORKSHEETS