Monday/Tuesday, September 17/18, 2018

Your Learning Goal:

After students spent several days learning about length, mass, and volume, they will sort 21 measurement cards and fill out a measurement chart with 100% accuracy.

Table of Contents: Sort It Out- 6R

Catalyst: (6L)

What are the 3 types of measurements we have been talking about AND the units for each of them?

Homework:

Word Wall #1

(Due NEXT Monday)

Agenda:

1. Catalyst
2. Measurement Sort
3. Notes
4. Reflection/Word Wall Work

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Catalyst:

Describe the unit of measurement that is involved in each of these supermarket scenarios:

1. A two-liter bottle of soda costs $2.99.
2. Bananas cost $0.05 per gram.

Using the knowledge you've gained during the past few days, what is the difference between length, mass, and volume.

CONCEPT MAP:

6L

9/17/18

Sort It Out

6R

CATALYST 6L

Describe the unit of measurement that is involved in each of these supermarket scenarios:

1. A two-liter bottle of soda costs $2.99.
2. Bananas cost $0.05 per gram.

Using the knowledge you've gained during the past few days, what is the difference between length, mass, and volume.

Directions: Sort

- Find, in your table bin, a plastic bag with paper cards (**Do not touch/remove anything else**)
- Group the cards in logical categories. (21 total)
- When your group is done arranging the cards, raise your hand so I can check it.

Directions: Sort

- Find, in your table bin, a plastic bag with paper cards (**Do not touch/remove anything else**)
- Group the cards in logical categories. (21 total)
- When your group is done arranging the cards, raise your hand so I can check it.
- WITH YOUR NEW BLANK CARD, WRITE ONE THING THAT IS MISSING FROM YOUR SORT AND ADD IT TO YOUR CARD GROUPINGS

9/17/18

Catalyst:

Describe the unit of measurement that is involved in each of these supermarket scenarios:

1. A two-liter bottle of soda costs $2.99.
2. Bananas cost $0.05 per gram.

Using the knowledge you've gained during the past few days, what is the difference between length, mass, and volume.

CONCEPT MAP:

6L

9/17/18

Sort It Out

Example			
Units			
Tool			
Definition			
Measurement			

Notes: Measurement

9/17/18

Measurement and Picture	Definition	Tool	Units	Example

PLEASE DRAW THIS IN YOUR NOTEBOOK

6R

Notes: Measurement

9/17/18

Measurement and Picture	Definition	Tool	Units	Example
LENGTH				
MASS				
VOLUME				

6R

Notes: Measurement

9/17/18

Measurement and Picture	Definition	Tool	Units	Example
LENGTH	How long an object is.			
MASS	How much matter is inside an object; how heavy.			
VOLUME (solids) (liquids)	How much space an object takes up; the size. V = L x W x H			

6R

Notes: Measurement

9/17/18

Measurement and Picture	Definition	Tool	Units	Example
LENGTH	How long an object is.	ruler		
MASS	How much matter is inside an object; how heavy.	electronic balance (scale)		
VOLUME	How much space an object takes up; the size. V = L x W x H	graduated cylinder (liquid) ruler (solid)		

6R

Notes: Measurement

9/17/18

Measurement and Picture	Definition	Tool	Units	Example
LENGTH	How long an object is.	ruler	mm cm m	
MASS	How much matter is inside an object; how heavy.	electronic balance (scale)	g kg	
VOLUME	How much space an object takes up; the size. V = L x W x H	graduated cylinder (liquid)	mL L	
		ruler (solid)	cm^3	6R

Notes: Measurement

9/17/18

Measurement and Picture	Definition	Tool	Units	Example
LENGTH	How long an object is.	ruler	mm cm m	The line is 12 cm long.
MASS	How much matter is inside an object; how heavy.	electronic balance (scale)	g kg	The amount of matter inside the ball is 30 g.
VOLUME	How much space an object takes up; the size. V = L x W x H	graduated cylinder (liquid)	mL L	I'm drinking 50 mL of water.
		ruler (solid)	cm^3	The box is 4 cm^3.

6R

Measurement Concept Map

*Use **ALL** of the academic words to create a concept map showing the relationship between them.*

Academic Words

- Length
- Ruler
- Centimeters (cm)
- Millimeters (mm)
- Volume
- Graduated cylinder
- Ruler
- Milliliters (mL)
- Liters (L)
- cm^3
- Mass
- Matter
- Electronic balance
- Grams (g)

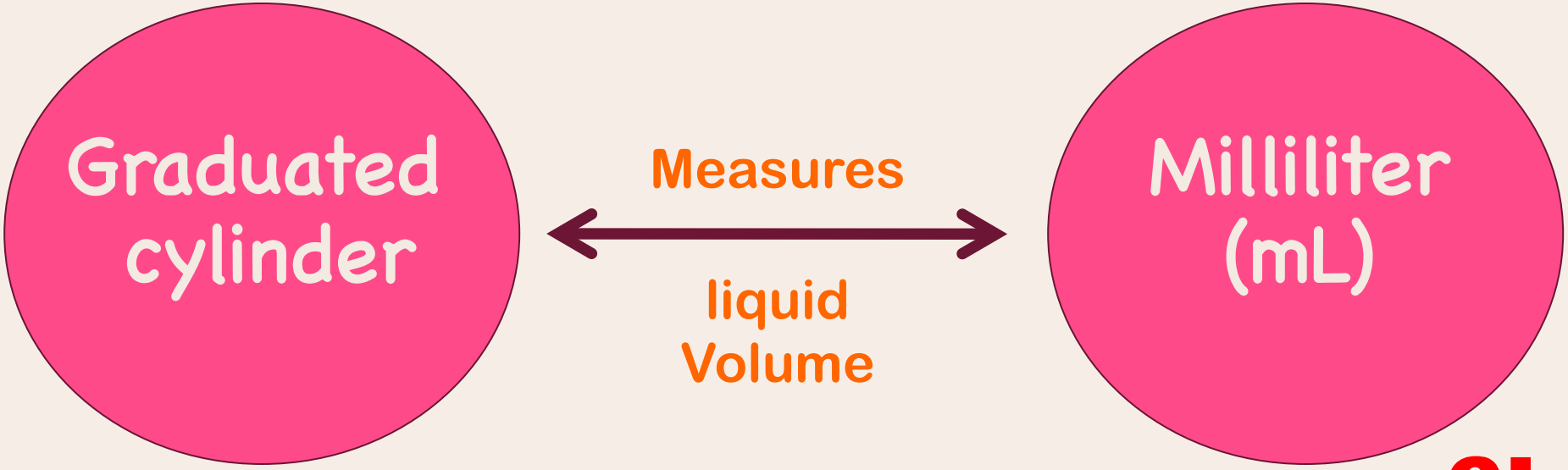
6L

EX: Measurement Concept Map

*Use **ALL** of the academic words to create a concept map showing the relationship between them.*

Academic Words

- Graduated cylinder
- Milliliters (mL)



6L