



• The Copper cycle demonstrates the Law of Conservation of Mass

\* Some of us get milk blue solid.

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What does the word mass mean?

What does it mean to "conserve"?

Now - talk to your partner -

What do you think the Lo of CM has to do with the experiment?

Here is the science definition -

The Law that states that mass cannot be gained or lost in a chemical reaction.

Matter cannot be created or destroyed.

Instructions - Finish by  
15 min

(3)

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## Activity 8

There will be a bit of paging back and forth to do this. It is worth the investment.

Grow your brain!!

- Work in pairs. (Can work alone.)
- Refer to Lesson 6 data on vials for some names and formulas.
- Refer to Lesson 7 procedure for some names of substances and use Lesson 6 to get the chemical formula.
- Fill in the blanks to figure out where the copper was during each part of the lab.
- Let's Do one together.

IF you finish before time, begin checking your answers - KEY up here.

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What happens to elements in a chemical change?

Is there evidence of the presence of copper throughout the experiment? Explain using evidence from the lab.

How does using symbols and formulas to represent the different substances help us keep track of copper and other elements?

Given that the copper cycle is a circle, do you think we could keep going through it again and again? What might happen?