8th Grade Unit 1 Organizers Teacher Copy

When teaching CERs, don't forget to

Cue Do Review Quick Reference Guide

Cue

1. Name the Routine
2. Explain how the routine will help students learn
3. Explain to students how they should participate

Do

4. Implement the linking steps
5. Ask students probing questions in order to co-construct the device
6. Provide positive and corrective feedback if necessary

Review

7. Ask questions about the critical content on device
8. Ask questions about the learning process and how the device works
9. Model how to use the device as a study tool, guide for doing other work

Teacher Notes

Other Content Enhancement Routines that can be used during this Unit:

- Physical Properties FRAME
- Physical Properties Concept Diagram

The Unit Organizer

NAME _____

DATE _____

④ **BIGGER PICTURE**

How matter is described →

② **LAST UNIT**/Experience

① **CURRENT UNIT**

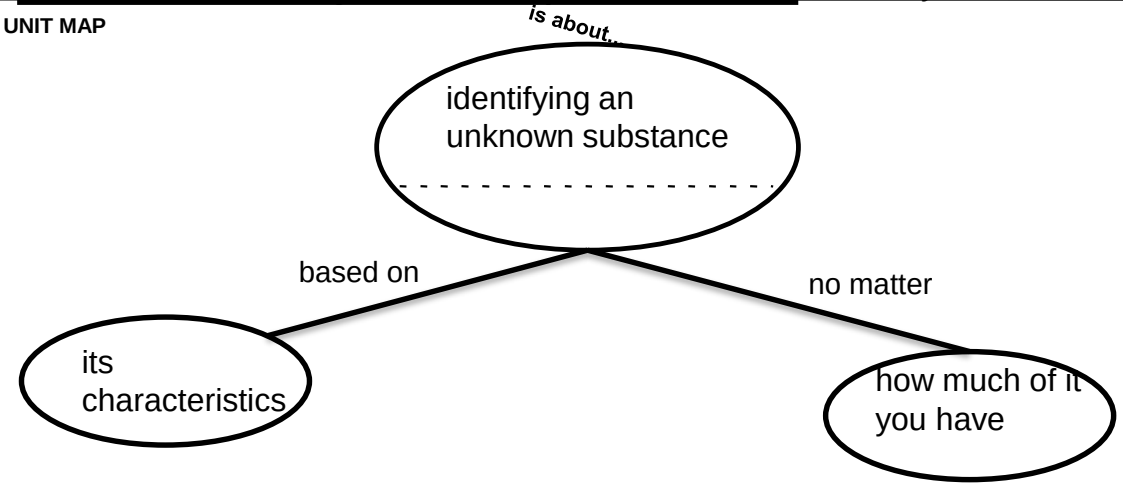
Unit 1.1: Physical Properties

③ **NEXT UNIT**/Experience

Unit 1.2: Mass, Volume & Density

⑧ **UNIT SCHEDULE**

⑤ **UNIT MAP**



UNIT SELF-TEST QUESTIONS ⑦

How and why do materials differ from each other?
Why do different materials have different properties?
How can the density (or any physical property) of a substance be used for identification?
Metals are good conductors of thermal and electrical energy. Using what you know about the attractive forces between the particles in metals to explain the following: Explain why they are good conductors. Why do metals not exist as liquids or gases at room temperature?

⑥ **UNIT RELATIONSHIPS**

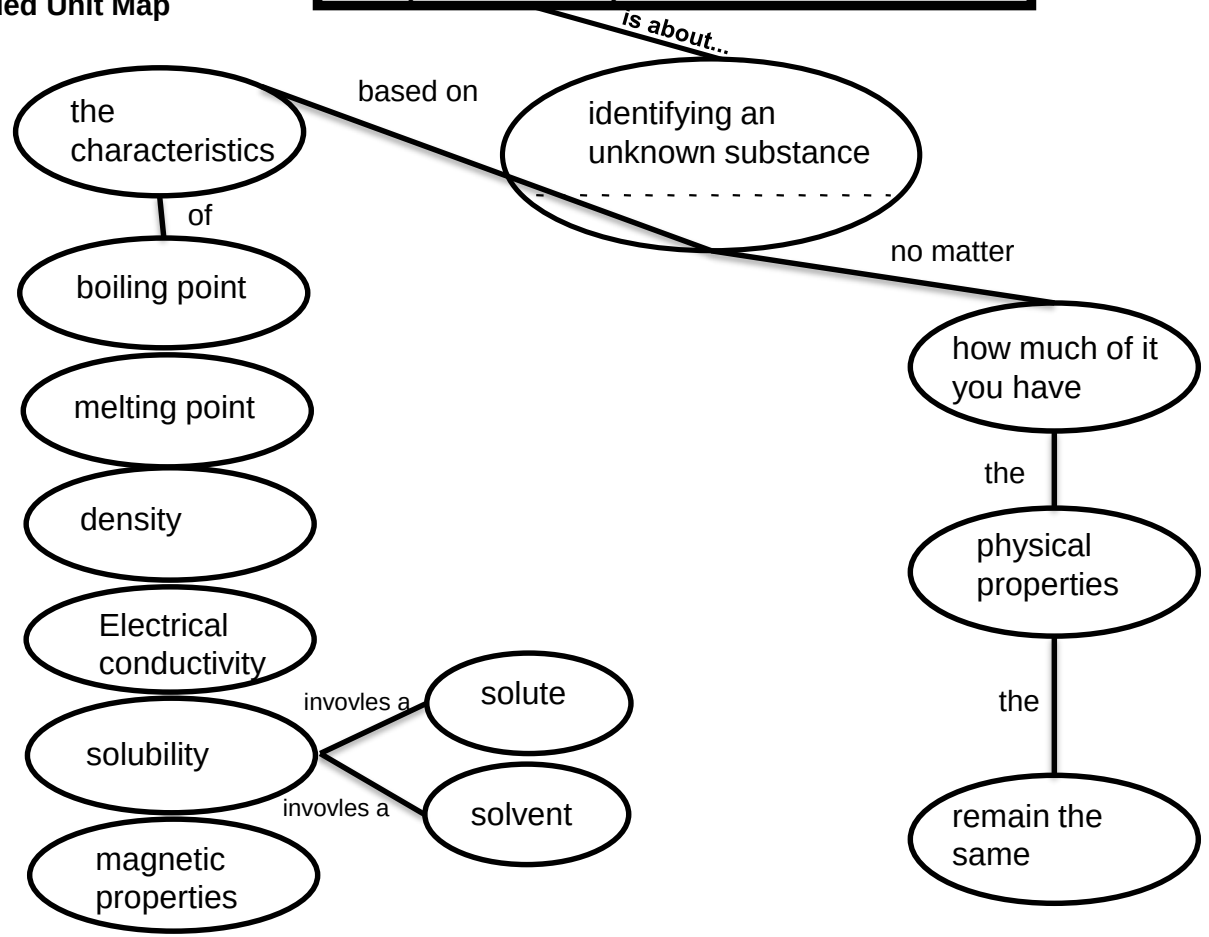
Classify
Compare
Understand
Explore

The Unit Organizer

NAME _____
DATE _____

Physical Properties

9 Expanded Unit Map



10 NEW UNIT SELF-TEST QUESTIONS

8th Grade Unit 1 Organizers

Student Copy

The Unit Organizer

NAME _____

DATE _____

④ **BIGGER PICTURE**

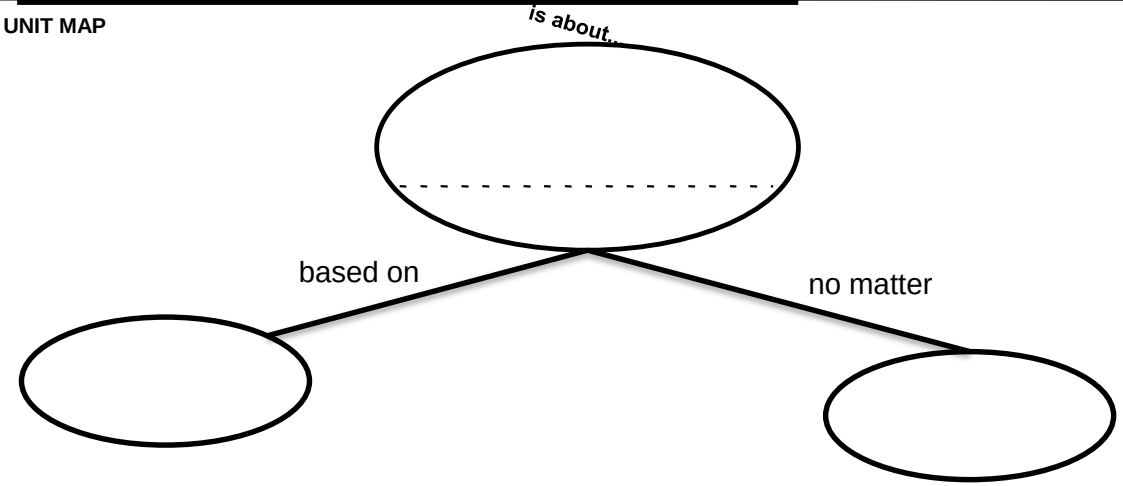
② **LAST UNIT**/Experience

① **CURRENT UNIT**

③ **NEXT UNIT**/Experience

⑧ **UNIT SCHEDULE**

⑤ **UNIT MAP**



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The Unit Organizer

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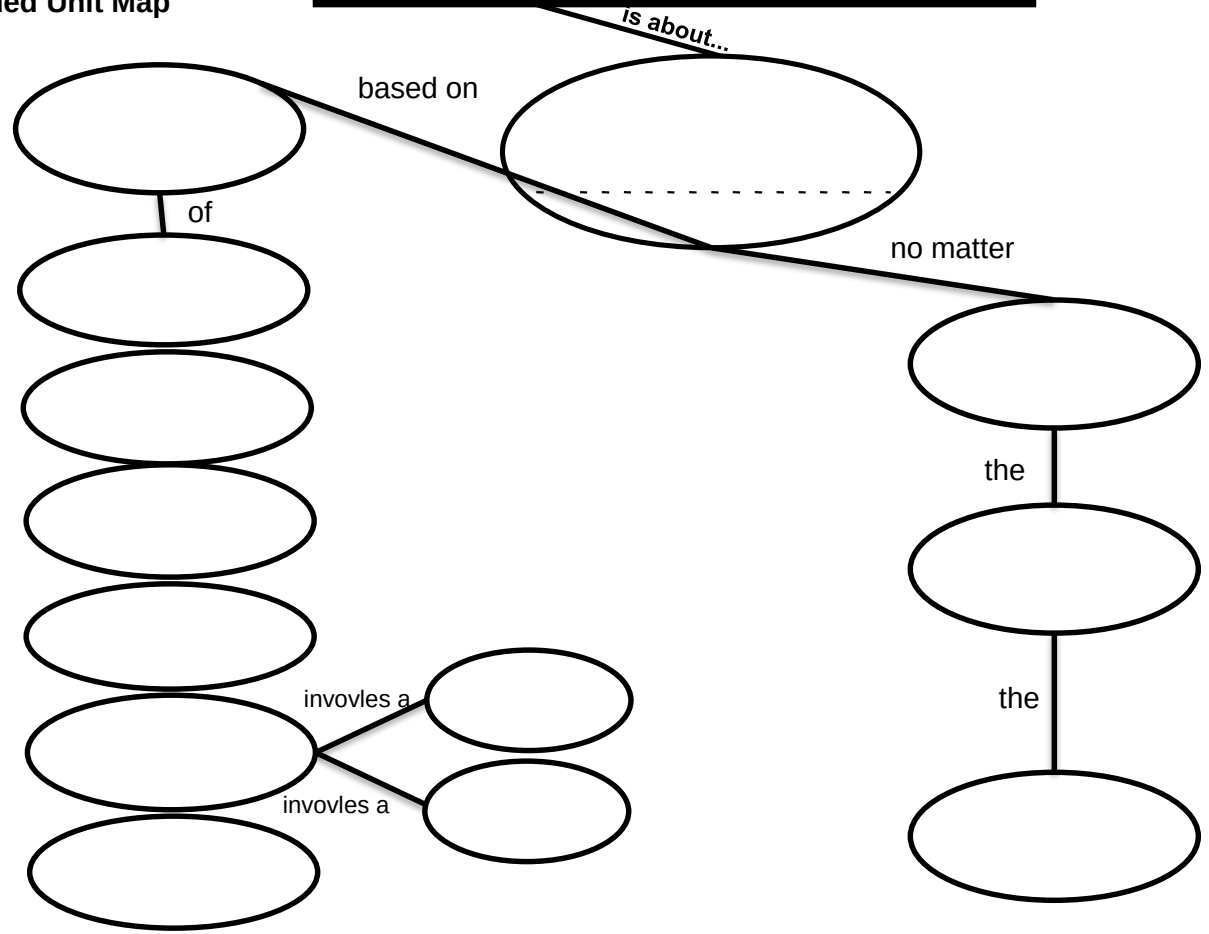
Physical Properties

⑨ Expanded Unit Map



⑩ NEW UNIT SELF-TEST QUESTIONS