Chemistry – Grades 6 – 8

Science Cut Ups®

Content Centers

Includes 16 color printed center activities, **KEYs** & center instruction cards

$70

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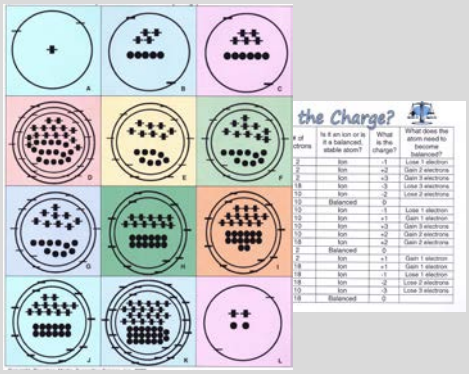
TEKS	Center Title	TEKS	Center Title
8.5B	Atoms: What's the Charge?	8.5B	Matter: Physical & Chemical Properties
8.5D	Chemical Reactions	6.6A	Metals, Nonmetals & Metalloids
Chem 4C	Comparing States of Matter	6.6C	Minerals Matter
8.5E	Conservation of Mass	Bio 9A	Organizing Organic Compounds
6.6B	Density Dilemma	8.5C	Periodic Puzzler
6.5B	Earth's Spheres	6.5C, 7.6, 8.5E	Picturing Physical & Chemical Changes
8.5A	Elements & Atoms	6.7	Researching Resources
8.5A	Match Mates-Particles of Matter	6.5A	What's the Concept? Elements & Compounds

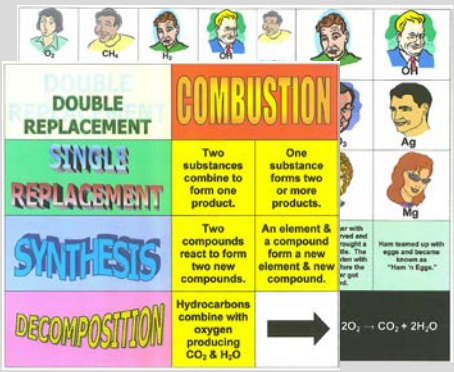
For all materials:

- Laminate all materials before using for longer durability*.
- Cut manipulative pieces apart and place in bags or envelopes for each center.
- Center Instruction Cards are included.
- **KEYs** are included.
- Use with small student groups to encourage scientific dialogue.
- Differentiate for the specific abilities of a student or group (Special Education, ELL, GT) by removing/adding manipulative pieces in each set.
- Provide reference materials for students to access content information.
- Encourage students to record key information from each activity in a science notebook/journal.
- Encourage students to generate additional examples for each activity set.



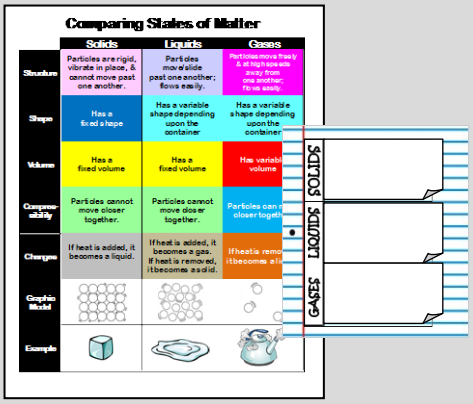
Atoms: What's the Charge?

Analyze 18 atom diagrams to identify ions.



Chemical Reactions

Use faces, analogies & examples to teach 5 basic chemical reactions.



Comparing States of Matter

Organize 21 cards into 7 categories to describe properties & examples.

Calcium + oxygen → Calcium oxide

32 Equations

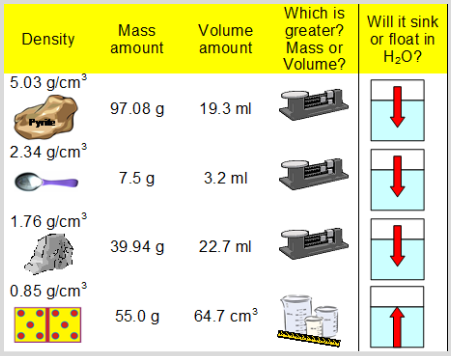
Ca O_2 CaO

300 Two-sided cards

40.0g 32.0g 56.0g

Conservation of Mass

Balance 12 equations using element & compound cards with self-checking masses.

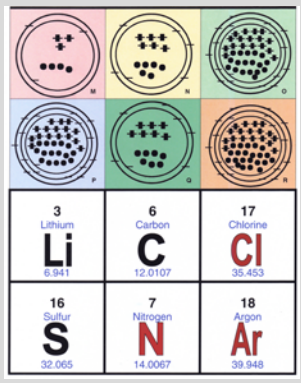


Density Dilemma

60 cards to link mass, volume & density to identify sinkers & floaters.

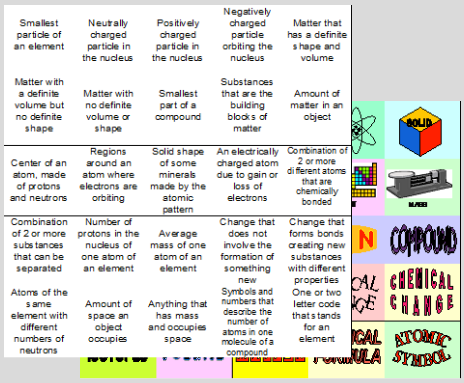
Earth's Spheres

Identify the graphed elements in Earth's spheres & explain how events impact all of them.



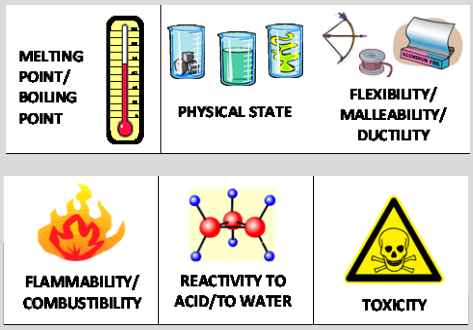
Elements & Atoms

Practice with atomic structure for elements 1-18.



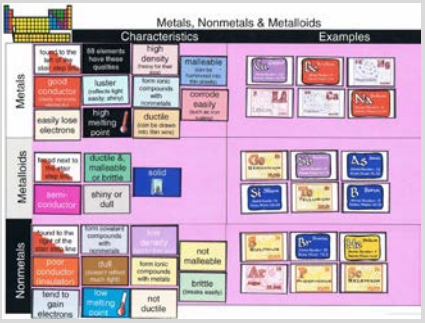
Match Mates- Particles of Matter

25 word & definition cards to match up.



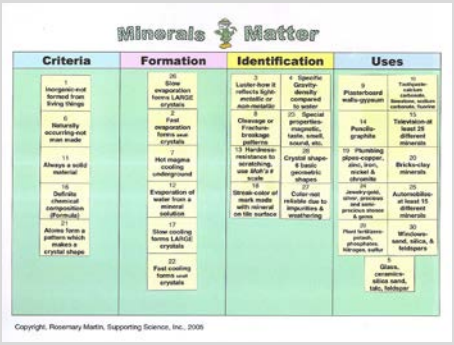
Matter: Physical & Chemical Properties

Sort 27 properties to distinguish physical/chemical & intensive/extensive.



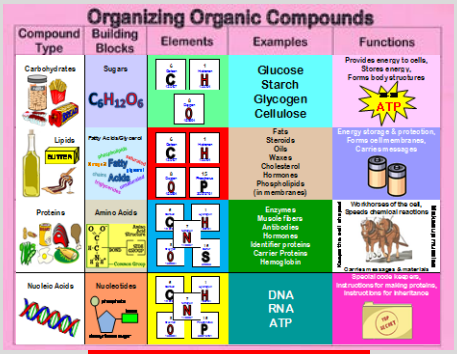
Metals, Nonmetals & Metalloids

Organize 45 description & example cards on the data table.



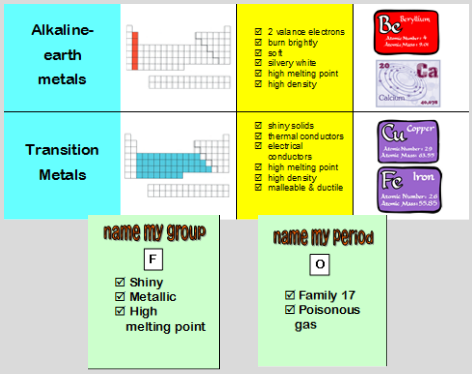
Minerals Matter

30 description cards to organize in 4 categories on data chart + play a mineral ID card game.



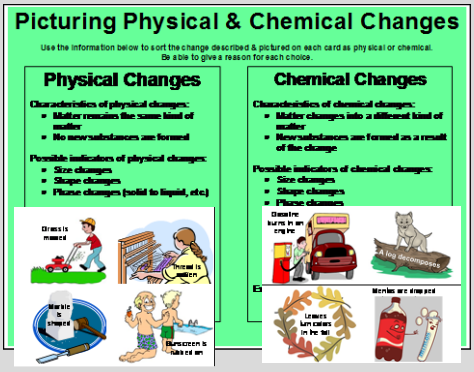
Organizing Organic Compounds

Organize 4 compound types in 4 categories to show their composition & functions.



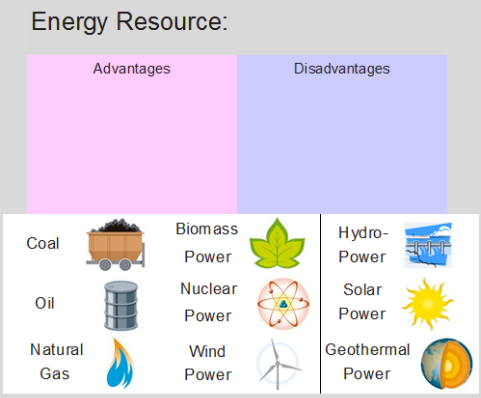
Periodic Puzzler

Organize periodic table groups by properties & use clues to name groups & periods.



Picturing Physical & Chemical Changes

48 examples to sort using criteria on sorting mat + make a foldable®.



Researching Resources

Select from 12 advantages & 19 disadvantages when evaluating 9 different energy resources.

What's the Concept? Elements & Compounds

Concept attainment activities include YES/NO cards, attribute sorting cards & 12 Gallery cards