

Atoms and Elements

Lesson: E2-1 What are atoms and elements?
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 5

Lesson Objective

Identify an atom and its major parts.
Describe an atom.
Describe and compare the properties of metals.

Teaching Procedure

Day 1: Mystery Box activity, p. E36-37. Emphasize meaning of "infer", "compare" and "observe".
Day 2: Read/discuss p. E38-39.
Day 3: Read/discuss p. E40-41. Display periodic table of elements.
Day 4: Read/discuss p. E42-43.

Homework Assignment

Day 1: WB279
Day 2: WB280
Day 3: WB281

Lesson: E2-2 What are compounds?
Author: Mr. Hilvers
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Level: Grade 5

****Correct Homework, if any****

Lesson Objective

Recognize how the elements are grouped in the periodic table.
Identify a compound as a combination of two or more elements.
Describe what a chemical formula reveals about a molecule.

Teaching Procedure

Day 1: Investigate activity, p. E44-45. Use Worksheet WB282-283.
Day 2: Read/discuss p. E46-47. Show/discuss periodic table at <http://www.dayah.com/periodic/>
Day 3: Read/discuss p. E48-49.

Homework Assignment

Day 1: WB279
Day 2: WB280, WB281
Day 3: WB286