

Lesson Plan Day 2 – What Are Atoms and Elements?

Level 3 Question(s) Addressed:

- What are atoms and elements? Which elements are in water?

Date(s)

Content Standard(s):

- 5.4c – atoms and elements

NOS Aspects

- Tenet 1 – The natural world is understandable.
- Tenet 2 – Science uses a blend of logic and imagination.
- Tenet 3 – Scientific knowledge is the product of observation and inference.

Student Objective(s) for this lesson:

1. Objective 1 – Understand atoms and elements.
2. Objective 2 – Be able to identify an atom by its composition.
3. Objective 3 – Know which elements are in water.

Misconceptions to address in this lesson:

- A. Misconception 1 – Things are made up of only what we see.

Safety Concerns in this lesson:

- Safety 1 – Dropping and breaking plastic “electron clouds”