



Science Toolkit: Grade 7 Objective 4.A.1.c

Student Handout: Science: Grade 7 Objective 4.A.1.c

Standard 4.0 Chemistry

Topic A. Structure of Matter

Indicator 1. Cite evidence to support the fact that all matter is made up of atoms, which are far too small to see directly through a microscope.

Objective c. Provide evidence from the periodic table, investigations and research to demonstrate that elements in the following groups have similar properties.

Highly reactive metals, such as magnesium and sodium

Less-reactive metals, such as gold and silver

Highly reactive non-metals, such as chlorine, fluorine, and oxygen

Almost non-reactive gases, such as helium and neon

Selected Response (SR) Item

Question

The Periodic Table of the Elements is arranged so that elements with similar characteristics are in the same column.

Which element is a highly reactive metal?

- A. chlorine (Cl)
- B. helium (He)
- C. magnesium (Mg)
- D. silver (Ag)

Correct Answer

C. magnesium (Mg)

Question

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