



Science Toolkit: Grade 6 Objective 4.D.1.a

Student Handout: Science: Grade 6 Objective 4.D.1.a

Standard 4.0 Chemistry

Topic D. Physical and Chemical Changes

Indicator 1. Cite evidence to support the fact that some substances can be separated into the original substances from which they were made.

Objective a. Investigate and identify ways to describe and classify mixtures using the observable and measurable properties of their components.

Magnetism

Boiling Point

Solubility in water

Selected Response (SR) Item

Question

A container is filled with a mixture of sand and an unknown substance.

What should a student do to determine whether iron particles are in the mixture?

- A. heat the mixture
- B. filter the mixture
- C. pour water into the mixture
- D. pull a magnet through the mixture

Correct Answer

D. pull a magnet through the mixture

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