



## Science Toolkit: Grade 5 Objective 1.C.1.a

Student Handout: Science: Grade 5 Objective 1.C.1.a

Standard 1.0 Skills and Processes

Topic C. Communicating Scientific Information

Indicator 1. Recognize that clear communication is an essential part of doing science because it enables scientists to inform others about their work, expose their ideas to criticism by other scientists, and stay informed about scientific discoveries around the world.

Objective a. Make use of and analyze models, such as tables and graphs to summarize and interpret data.

Selected Response (SR) Item

Question

Metals have many useful properties. The table below compares five properties of metals.

**PROPERTIES OF NICKEL, IRON, CALCIUM, AND COPPER**

Types of Metals	Conducts Electricity	Conducts Heat	Magnetic	Hardness	Flexible
Nickel	Well	Well	Yes	Hard	Yes
Iron	Well	Well	Yes	Hard	No
Calcium	Very well	No	No	Soft	No
Copper	Very well	Very well	No	Hard	Yes

Which metal would be best for flexible wire that conducts electricity?

- A. nickel
- B. iron
- C. calcium
- D. copper

Correct Answer

D. copper

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