

Grade: 5

Strand: Physical Science

Standard/Topic: SCI-05.PS1.03

Make observations and measurements to identify materials based on their properties.



		Sample Activities
Score 4.0 Complex	In addition to Score 3.0, in-depth inferences and applications that go beyond the target content.	
	3.5 In addition to target performance, in-depth inferences and applications with partial understanding	
Score 3.0 Target	The student will: • make observations and measurements to identify materials based on their properties The student exhibits no major errors or omissions.	Identify various materials- such as baking soda and other powders, metals, minerals and liquids based on: • Color • Hardness • Reflectivity • Electrical conductivity • Thermal conductivity • Solubility • Response to magnetic forces • Density • Texture
	2.5 No major errors or omissions regarding the simple content and partial understanding of the target content	
Score 2.0 Simple	There are no major errors or omissions regarding the simpler details and processes as the student: • The student will recognize or recall specific terminology, such as: ◦ classification of substances, hardness, <u>property of matter</u>, solubility, states of matter, density, conductivity, magnetism, texture • The student will perform basic processes, such as: ◦ observe and describe the properties of different materials ◦ Sort a list of materials based on their state of matter However, the student exhibits major errors or omissions regarding the more complex ideas and processes.	Students describe the properties of a given object. Students sort objects into categories with similar properties.
	1.5 Partial understanding of the simple, but major errors or omissions regarding the target content	
Score 1.0	With help, partial understanding of the simple and target content	
	0.5 With help, partial understanding of the simple content, but not the targeted content	