

STRAND	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will í	# OF DAYS NEEDED FOR MASTERY	DATES TAUGHT	DATE ASSESSED	ASSESSMENT TYPE (classroom, STAR, objective, subjective, project, etc.)	RESOURCES (Materials, web sites, auto-visual, print)	LEARNING ACTIVITIES
<b>Inquiry and Nature of Science</b>	Abilities to do Scientific Inquiry	5.1.1.a Ask testable scientific questions	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.b Plan and conduct investigations and identify factors that have the potential to impact an investigation	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.c and use equipment correctly and accurately	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.d Make relevant observations and measurements	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.e Collect and organize data	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.f Develop a reasonable explanation based on collected data	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal

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	Abilities to do Scientific Inquiry	5.1.1.g Share information, procedures, and results with peers and/or adults	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.h Provide feedback on scientific investigations	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Abilities to do Scientific Inquiry	5.1.1.i Use appropriate mathematics on all aspects of scientific inquiry	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Nature of Science	5.1.2.a Recognize that scientific explanations are based on evidence and scientific knowledge	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Nature of Science	5.1.2.b Recognize that new discoveries are always being made which impact scientific knowledge	Ongoing	Ongoing	Ongoing			Current events in science

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	Nature of Science	5.1.2.c Recognize many different people study science	Ongoing	Ongoing	Ongoing			Careers in Science
	Technology	5.1.3.a Identify a simple problem	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Technology	5.1.3.b Propose a solution to a simple problem	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Technology	5.1.3.c Implement the proposed solution	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Technology	5.1.3.d Evaluate the implementation	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal
	Technology	5.1.3.e Communicate the problem, design, and solution	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing, Magnet Investigation, Life Cycle journal

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<b>Physical Science</b>	Matter	5.2.1.d Identify state changes caused by heating and cooling for solids, liquids, and gasses	Ongoing	Ongoing	Ongoing	Classroom test		
	Force and Motion	5.2.2.c Describe magnetic behavior in terms of attraction and repulsion	Ongoing	Ongoing	Ongoing	Classroom test		Magnet Investigation
<b>Life Science</b>	Heredity	5.3.2.a Identify inherited characteristics of plants and animals	Ongoing	Ongoing	Ongoing	Classroom test		Genetics (hair, eye color, taste buds)
	Heredity	5.3.2.b Identify the life cycle of an organism	Ongoing	Ongoing	Ongoing	Classroom test		Grow plant life
<b>Earth and Space Science</b>	Earth Structures and Processes	5.4.2.a Describe the characteristics of rocks, minerals, soil, water, and atmosphere	Ongoing	Ongoing	Ongoing	Classroom test		Rock and Mineral Testing

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	Earth Structures and Processes	5.4.2.b Identify weathering, erosion, and deposition as processes that build up or break down Earth's surface	Ongoing	Ongoing	Ongoing	Classroom test		Erosion sandbox activity, Icebreakers
	Earth Structures and Processes	5.4.2.c Identify how Earth materials are used (fuels, building materials, sustaining plant life)	Ongoing	Ongoing	Ongoing	Classroom test		
	Energy in Earth's Systems	5.4.3.a Describe the Sun's warming effect on the land, air, and water	Ongoing	Ongoing	Ongoing	Classroom test		
	Earth's History	5.4.4.a Describe how slow processes (erosion, weathering, deposition, uplift) and rapid processes (landslides, volcanic eruptions, earthquakes, violent storms) change the Earth's surface	Ongoing	Ongoing	Ongoing	Classroom test		Volcano model, videos