

Content Area: Science		Grade Level/Course: Third grade			District: # 821	
Author(s):				Date:		
Month	Content/Unit	Essential Questions	Skills/Processes	Assessment	Resources	MN Standard
September	Earth Science	How can rocks and minerals be classified? Describe how a fossil forms.	Science book Level books Experiment Rock kits	Rock collections	Manual Transparencies	The students will understand the nature of scientific investigations.
October	Earth Science	What is the water cycle? What is weather	Experiments Recognize different forms of water Compare/contrast clouds	Reviews Water cycle activities	Manual Transparencies Leveled library	The students will investigate weather conditions.
November	Earth and Space Science	What is the difference between earth's rotation and revolution? Connect this to day, night, seasons and the year.	Science book Experiments	Reviews	Manual Transparencies	The students will understand the characteristics and relationships of objects in the solar system.
December	Earth and Space Science	Identify the planets; size, distance, and basic characteristics	Science book Models Art	Space research/reports	Space books Manual Models	Same as above
January	Physical Science	How are sounds made when objects vibrate? How can white light be split into colored light? Explain how objects absorb light in different amounts.	Science books Experiments Sound kit	Reviews	Manual Transparencies	The student will explore the characteristics of sound and light.
February	History and Nature of Science	What are some inquiry tools and how are they used? What are the five parts of the scientific method?	Science book Science tools Experiments	Reviews Identify tools	Manual Microworlds	.The students will understand the use of science as a tool to examine the natural world.
March	Life Science	What are some types of living things and how do they change?	Science books Leveled library Small groups	Reviews	Manual Transparencies	The students will recognize that plants and animals have

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April	Life Science	What do plants need to live? What are some types of plants? How do plants make food?	Science books Experiment-place plants in various soils, environments-record observations. Compare and contrast two plants that you have seen before. Metamorphosis model of the life cycle of a plant, animal, or insect.	Reviews Recording data gathered in experiment Letter to a garden shop	Leveled library Manual Transparencies	The student will understand that an organism's patterns of behavior are related to the nature of its environment.
May	Life Science	What is the difference between characteristics that are inherited and characteristics that are acquired? What are the similarities and differences between parent and offspring? How does a puppy get its spots or a person get brown eyes?	Science books Tally charts	Review	Manual Transparencies	The student will understand that many characteristics of an organism are inherited from its parents, but that other characteristics result from an individual's interaction with the environment.