

SCIENCE

	Standard	Key: I- Introduced M-Met Standard		
		3K	4K	5K
	Classification and Data Collection			
Objects have properties and characteristics	Matches objects that are alike	I	M	M
	Describes similarities and differences between objects and pictures		I	M
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	Classifies by color, shape or other criteria	I	M	M
	Science Processes	3K	4K	5K
Displays observational skills.	Demonstrates safe practices and appropriate use of materials		I	M
	Develops an awareness of his/her environment and the world around	I	M	M
	Asks questions about objects, event and organisms	I	M	M
	Shows an interest in investigating objects, organisms and phenomena	I	M	M
	Uses one or more senses to observe and learn about objects, events and organisms	I	M	M
There are cause and effect relationships in everyday experiences.	Describes observations		I	M
	Performs simple investigations		I	M
	Gathers data using simple tools (magnifying lens, eyedropper)	I	M	M
	Explores by manipulating materials with simple equipment (pouring from a cup, using a spoon to pick up sand or water)	I	M	M
	Uses simple measuring devices to learn about objects and organisms		I	M
Collects, describes and records information.	Compares objects and organisms and identify similarities and differences		I	M
	Sorts objects and organisms by attribute into groups and begin to describe	I	M	M
	Describes how groups were organized		I	M
	Solves simple design problems (making box into a house for a toy or pet)		I	M
	Participates in creating and using simple data charts		I	M
	Shares observations and findings with others through pictures, discussions or dramatizations		I	M
	Begins to use scientific words or phrases		I	M
	Science Concepts	3K	4K	5K
	Develops an awareness that investigations help them learn about the natural world		I	M
	Identifies organisms and objects as living or nonliving		I	M
	Describes properties of objects and characteristics of living things		I	M

Materials have properties and characteristics that affect how we use those materials.	Recognizes that living things have similar needs for water food and air	I	M	M
	Uses scientific words and phrases to describe objects, events and living things		I	M
	Describes life cycles of organisms.		I	M
	Identifies similarities and differences among objects and organisms		I	M
	Observes and describes properties of rocks, soil and water		I	M
	Identifies, observes, and discusses objects in the sky.			
Analyze the relationship between structure and function in living systems	Identifies things that are made of (i.e. wooden spoon or plastic spoon)		I	M
	Observes changes in size, color, position, weather and sound		I	M
	Uses patterns (such as growth and day following night to predict what happens next)		I	M
	Investigates and describes position and motion of objects. Observes, measures, describes, and demonstrates the various ways objects can move (straight, zigzag, round and round, fast and slow.		I	M
	Identifies things people have built		I	M