

Kindergarten Science Scope and Sequence 18-19

QUARTER	GRADE:	
Quarter 1:	Teaching Window: Quarter 1 - Aug 15 -Sept 27 Quarter Assessment Window: October 1-5	Discovery Techbook Resource Alignment
Topic/Genre: The World Around Us (Part 1) Essential Questions: What are the different types of weather?	I Can Statements	
	I can describe the seasons of the year. (K.ESS1.B)	The World Around Us: Seasons of the year
	I can describe different types of weather. (K.ESS2.D)	The World Around Us: Sky & Weather. Seasons of the year
	I can describe and compare weather in different seasons. (K.ESS2.D)	The World Around Us: Sky & Weather
Quarter 2:	Teaching Window: Oct. 8 - Dec 7 Quarter Assessment Window: Dec 10 - 14	Discovery Techbook Resource Alignment
Topic/Genre: Forces, Motion and Energy Essential Questions: How do forces affect motion? What is the effect of sunlight on earth?	I Can Statements	
	I can tell about the effects of different pushes and pulls on objects. (K.PS2.A.1) (Teacher Notes: different strengths, directions, stopping movement, objects colliding or pushing each other)	Energy and Motion: Moving Things. Force and Motion
	I can describe ways to change the motion of an object. (K.PS2.A.2) (Teacher Notes: cause an object to go slower, go faster, go farther, change direction, stop)	Energy and Motion: Moving Things
	I can observe what sunlight does to the ground. (K.PS3.A)	
	I can build a structure to change the effect of sunlight. (K.PS3.B)	

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Quarter 3:	Teaching Window: Jan 9 - March 1 Unit Assessment Window: March 4 - 8	Discovery Techbook Resource Alignment
Topic/Genre: The World Around Us (Part 2) Matter Essential Question: What effects do plants and animals have on the environment? How does the environment affect where plants and animals live? What are the physical properties of objects?	I Can Statements	
	I can tell how people can protect the world around us. (K.ESS3.B)	The World Around Us: Environmental Problems and Solutions
	I can tell about different places plants and animals (including humans) live. (K.ESS3.A)	The World Around Us: Habitats
	I can describe and compare what the basic needs of plants and animals (including humans) are in order to survive. (K.LS1.C)	Living Things: Basic Needs
	I can explain how plants and animals (including humans) can change the environment to meet their needs. (K.ESS2.E)	Living Things: Animals and People
	I can make observations about objects. (K.PS1.A) (Teacher Notes: size, shape, color and mass)	Additional Resources: Describing and comparing attributes of objects

Quarter 4:	Teaching Window: March 11 - May 3 Quarter Assessment Window: Evaluation of Project week of May 6 - 10	Discovery Techbook Resource Alignment
Topic/Genre: Solving Problems Essential Questions: How can I use my problem solving skills to build a shelter for an animal?	I Can Statements	
	I can ask questions, observe and learn about a problem and then create a solution (K.ETS1.A)	Solving Problems: Building a Shelter
	I can draw or build a model to show how an shelter's shape helps it work. (K.ETS1.B)	Solving Problems: Building a Shelter
	I can tell how animal shelters in a habitat are the same and different. (K.ETS1.C)	Solving Problems: Building a Shelter