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3rd Grade Science Pacing Guide 18-19

4.0 Target	3.0 Target	2.0 Target	Does Not Extend	T1	T2	T3
Unit 1: Environment and Living Things						
Does Not Extend	Construct an argument that some animals form groups that help members survive.	Students identify animals that form and live in groups AND describe benefits of forming groups.	X	x		
Identify and analyze 3 fossils from a single animal that provides clues about where the animal lived and how it survived in its environment AND Make a claim about what animal this might have been when it was alive, using specific science vocabulary about fossils.	Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago.	Recognize and recall specific vocabulary; describe fossils and the environments in which they were found.			x	
Analyze an example of a dramatic environmental change (i.e. fire, flood, oil spill, drought, new construction), summarize the consequences the change had on the organisms within that habitat, and provide a potential solution.	Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.	Students describe changes that can happen to the environment AND Describe the effects of environmental change on plants and animals. OR Describe possible solutions to a problem caused by environmental change			x	
Unit 2: Forces and Motions						
Student is able to apply knowledge of balanced and unbalanced force to analyze and explain a real world situation.	Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.	Students identify the causes and effects of balanced and unbalanced forces. OR Students identify different forces on an object's motion			x	
Does Not Extend	Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other.	Uses questioning to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other with occasional conceptual errors.	X		x	
Unit 3: Weather and Climate						
Represent and analyze data in tables and graphical displays with no errors. AND Draw conclusions from weather data in order to make predictions.	Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.	Represents OR analyzes data in tables and graphical displays.				x
Does Not Extend	Obtain and combine information to describe climates in different regions of the world.	Obtain and combine information to describe climates in different regions of the world with occasional conceptual errors.	x			x
Unit 4: Life Cycles and Traits						
Does Not Extend	Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms.	Recognize or recall specific vocabulary; describe traits inherited from parents; describe similarities and differences in traits among siblings or between parents and offspring.	X			x
Create an experiment (using Puppet Pals, Google Docs, Explain Everything etc.) to test the effects of the environment on a living species.	Use evidence to support the explanation that traits can be influenced by the environment.	Recognize or recall specific vocabulary; describe how traits can be influenced by the environment; describe how organisms have adapted to particular environments.				x