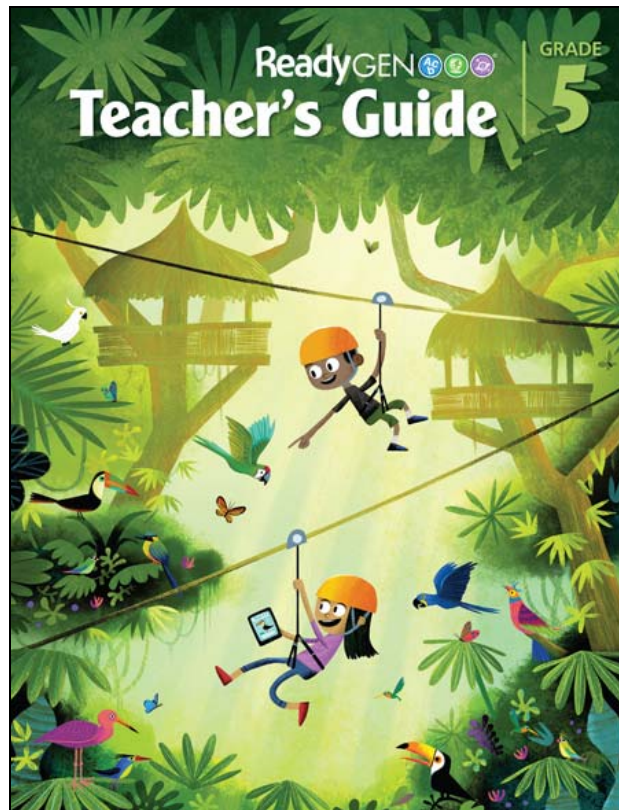


A Correlation of
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Grade 5, ©2016



To the
New York Science Standards
Grade 5

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New York Science Standards Grade 5	Savvas ReadyGEN Grade 5
(5.SPM) Structure and Properties of Matter	
(5-PS1-1) Develop a model to describe that matter is made of particles too small to be seen.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.
(5-PS1-2) Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances the total amount of matter is conserved.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.
(5-PS1-3) Make observations and measurements to identify materials based on their properties.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.
(5-PS1-4) Conduct an investigation to determine whether the mixing of two or more substances results in new substances.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.
(5.MEO) Matter and Energy in Organisms and Ecosystems	
(5-PS3-1) Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the Sun.	Opportunities to Address: TG: Unit 1: Mod B: Center Options: Research Center, 211; Rain Forest Food Chains; Pale Male
(5-LS1-1) Support an argument that plants get the materials they need for growth chiefly from air and water.	Opportunities to Address: TG: Unit 1: Mod B: Rain Forest Food Chains; Poetry: "Food Chain"
(5-LS2-1) Develop a model to describe the movement of matter among plants (producers), animals (consumers), decomposers, and the environment.	TG: Unit 1: Mod A: Center Options: Research Center, 11; Mod B: Rain Forest Food Chains; Poetry: "Food Chain"
(5.ES) Earth's Systems	
(5-ESS2-1) Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.

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(5-ESS2-2) Describe and graph the amounts of salt water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.
(5-ESS3-1) Obtain and combine information about ways individual communities use science ideas to protect Earth’s resources and environment.	TG: Unit 1: Mod A: Center Options: Research Center, 11; Night of the Spadefoot Toads; Mod B: Center Options: Research Center, 211; Pale Male; Unit 2: Mod B: Real-Life Superheroes; Unit 3: Mod A: George’s Secret Key to the Universe
(5.SS) Space Systems: Stars and the Solar System	
(5-PS2-1) Support an argument that the gravitational force exerted by Earth on objects is directed down.	Opportunity to Address: TG: Unit 1: Mod B: Our Mysterious Universe
(5-ESS1-1) Support an argument that differences in the apparent brightness of the Sun compared to other stars is due to their relative distances from Earth.	TG: Unit 3: Mod A: Center Options: Research Center, 11; Poetry: “The Sun”
(5-ESS1-2) Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.	TG: Unit 3: Mod A: Center Options: Research Center, 11
(3-5-ETS1) Engineering Design	
(3-5-ETS1-1) Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.	TG: Unit 3: Mod B: Center Options: Research Center, 211
(3-5-ETS1-2) Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.	TG: Unit 1: Mod B: Washed Up!; Unit 3: Mod A: Center Options: Research Center (Problem and Solution), 11; Mod B: Center Options: Research Center, 211
(3-5-ETS1-3) Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.	While science content comprises a portion of the ReadyGen reading and skill tasks, this standard falls outside of the curriculum.