

5th Grade Science Pacing Guide

	Quarter 1 First Nine Weeks		Quarter 2 Second Nine Weeks		Quarter 3 Third Nine Weeks		Quarter 4 Fourth Nine Weeks	
Science	Ecosystems: Interactions, Energy, and Dynamics AMSTI: Living Systems		Earth's Place in the Universe AMSTI: Navigating the Sky		Motion and Stability AMSTI: Matter and Interactions		Matter and Its Interactions AMSTI: Matter and Interactions continued	
	Inspire Science: Unit 2 AMSTI: Living Systems		Inspire Science: Unit 4 AMSTI: Navigating the Sky		Inspire Science: Unit 3 AMSTI: Matter and Interactions		Inspire Science: Unit 1 AMSTI: Matter and Interactions	
	Priority: SC.23.5.7*, SC.23.5.8, SC.23.5.9*		Priority: SC.23.5.10, SC.23.5.11*		Priority: SC.23.5.5*, SC.23.5.6*		Priority: SC.23.5.1*, SC.23.5.2, SC.23.5.3*, SC.23.5.4	
	SC.23.5.7* - Support and argument from evidence that plants primarily use air and water to process matter needed for growth. SC.23.5.9* - Create and use a model to explain the transfer of matter and energy between the environment and organisms within it		SC.23.5.11* - Analyze data that reveal patterns of daily changes in length and direction of shadows, day and night, phases of the moon, and seasonal appearance of some stars in the night sky.		SC.23.5.5* - Make a claim, supported by evidence, that the gravitational force exerted by Earth pulls objects towards the center of Earth SC.23.5.6* - Design and conduct a test to modify the speed of an object falling due to gravity.		SC.23.1* - Plan and carry out investigations to provide evidence that matter is made of particles too small to be seen. SC.23.5.2 - Analyze data collected through observations and measurements to identify materials based on their properties, including color, hardness, and reflectivity. SC.23.5.3* - Conduct investigations to provide evidence that the total weight of matter is conserved during phase changes when substances are heated, cooled, or mixed. SC.23.5.4 - Analyze data from tests to determine whether a new substance is formed after two or more substances are combined.	
	Priority: SC.23.5.7* SC.23.5.9*	Supporting: SC.23.5.8	Priority: SC.23.5.11*	Supporting: SC.23.5.10	Priority: SC.23.5.5* SC.23.5.6*	Supporting: SC.23.5.5* SC.23.5.6*	Priority: SC.23.1* SC.23.5.3*	Supporting: SC.23.5.2 SC.23.5.4

