

Lansing School District **Eighth Grade** Science Year-At-A-Glance Expected Pacing

Quarter	Dates	Chapter	Amplify Core Content Unit: Force and Motion Engineering Internship (10 Lessons)
Q2	Nov. 3-7 Tue. No School	Pods for Emergency Supplies	Day 1-4
	Nov. 10-14		Day 5-8
	Nov. 17-21		Day 9-10
		Unit: Magnetic Fields (19 Lessons)	
		Chapter 1: Modeling Magnetic Force	Lesson 1: Pre-Unit Assessment Lesson 2: Introducing the Magnetic Spacecraft
	Nov. 24-28	Thanksgiving Break	
	Dec. 1-5		Lesson 3: Evaluating Magnetic Force Evidence Lesson 4: "Earth's Geomagnetism" Lesson 5: Investigating Magnetic Field Lines
	Dec. 8-12	Chapter 2: Investigating Potential Energy	Lesson 6: Analyzing Field Line Data
			Lesson 1: The Potential for Speed Lesson 2: Exploring Potential and Kinetic Energy Lesson 3: Magnetic Force and Potential Energy

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Quarter	Dates	Chapter	Amplify Core Content Unit 3: The Earth System (26 Lessons)
Q2	Dec. 15-19	Chapter 2: Investigating Potential Energy	Lesson 4: Simulating Spacecraft Energy
		Chapter 3: Exploring the Strength of Magnetic Force	Lesson 1: Exploring Energy and Force Strength Lesson 2: Investigating Magnetic Force Strength Lesson 3: Modeling the Spacecraft Launches
	Dec. 22- Jan. 2	Winter Break	
	Jan. 5-9		Lesson 4: Critical Juncture Assessment Lesson 5: Reviewing Key Ideas and Introducing Electromagnets
	Jan. 12-16	Chapter 4: Designing Roller Coasters	Lesson 1: Evaluating Roller Coaster Experiments Lesson 2: Evaluating Roller Coaster Design Claims Lesson 3: The Science Seminar Lesson 4: End-of-Unit Assessment
	Jan. 20-23 Mon. No School Fri. ½ Day		Flex Week