

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

Quarter	Dates	Amplify Core Content Unit One: Harnessing Human Energy
Q1	Aug. 28-31	Community building/routines/procedures
	Sept. 5-8	Harnessing Human Energy: Lessons 1-4
	Sept. 11-15	Harnessing Human Energy: Lessons 5-9
	Sept. 18-22	Harnessing Human Energy: Lessons 10-11
	Sept. 25-29	Force and Motion: Lesson 1-5
	Oct. 2-6	Force and Motion: Lesson 6-10
	Oct. 9-13	Chapter 2: The Rescue Team's Energy Needs Lessons: 2.1 (Investigating Claims About How Objects Get Energy), 2.2 (Evaluating Energy Sources), and 2.3 (Writing Scientific Arguments)
	Oct. 16-20	Chapter 2: Designing an Energy Solution Lessons: 3.1 (Reading About Energy Systems), 3.2 (Designing and Explaining Energy Systems), and 3.3 (Evaluating an Energy Solution)
	Oct. 23-27	Flex (Can be used to catch up with pacing) Lesson 3.4 (End of Unit Assessment)
	Oct. 30-Nov. 3	Unit Two: Force and Motion Chapter 1: Force and Velocity Lessons: 1.1 (Pre-Unit Assessment), 1.2 (Describing Changes in Motion)

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Quarter	Dates	Amplify Core Content Unit Force and Motion Internship: Force and Motion Engineering (10 Lessons)
Q2	Oct. 30-Nov. 3	Unit: Force and Motion Chapter 1: Force and Velocity Lessons: 1.1 (Pre-Unit Assessment), 1.2 (Describing Changes in Motion) and 1.3 (Investigating Direction of Force)
	Nov. 6-10	Lessons: 1.4 (Explaining Force and Velocity) 1.5 (Force Strength and Velocity Change) and 1.6 (Evaluating Claims and Thruster Forces)
	Nov. 13-17	Chapter 2: Mass and Velocity Lessons: 2.1 (Exploring Mass, Force, and Velocity) 2.2 (“Designing Wheelchairs”), 2.3 (Explaining Mass, Force, and Velocity), and 2.4 (Critical Juncture Assessment)
	Nov. 20-24*	Thanksgiving Break
	Nov. 27-1	Lesson: 2.5 (Reviewing Mass, Force, and Velocity) Chapter 3: Collisions Lessons: 3.1 (“Crash”), 3.2 (Investigating Collision Forces), and 3.3 (Effect of Collisions)
	Dec. 4-8	Lesson: 3.4 (Reasoning About the Pod’s Motion) Chapter 4: Force, Motion, and Movie Sets Lessons: 4.1 (Using Physics on Movie Sets), 4.2 (Discussing Physics and Movie Sets),
	Dec. 11-15	Lessons: 4.3 (Writing a Scientific Argument) and 4.4 (End of Unit Assessment)
	Dec. 18-22	Force and Motion Engineering Internship Lessons: Day 1- Day 3

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Quarter	Dates	Amplify Core Content Internship: Force and Motion Engineering Cont.
Q2	Dec. 25-29	Winter Break
	Jan. 1-5	
	Jan. 8-12	Force and Motion Engineering Internship Days 4-6
	Jan. 15-19	Days 7-10