

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

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit One: Geology on Mars</b>
Q1	Aug. 28-31	Community building/routines/procedures
	Sept. 5-8	Geology on Mars: Lessons 1-4
	Sept. 11-15	Geology on Mars: Lessons 5-9
	Sept. 18-22	Geology on Mars: Lessons 10-11
	Sept. 25-29	Plate Motion: Lesson 1-5
	Oct. 2-6	<b>Chapter 2:</b> Using Models as Evidence Lessons: 2.1 (Investigating Landforms on Venus), 2.2 (Modeling a Geologic Process), 2.3 (Gathering Additional Evidence from Models)
	Oct. 9-13	<b>Chapter 3:</b> Analyzing New Evidence Lessons: 3.1 (Evaluating New Information from Mars), 3.2 (Evaluating Claims about the Channel on Mars) and 3.3 (Reasoning About Evidence from Mars)
	Oct. 16-20	Lessons 3.4 (Writing an Argument About the Channel on Mars) 3.5 (End of Unit Assessment) Flex

# Lansing School District Seventh Grade Science Year-At-A-Glance Expected Pacing Cont.

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit Two: Plate Motion</b>
Q1	Oct. 23-27	<b>Chapter 1:</b> Introducing Earth's Outer Layer Lessons: 1.1 (Pre-Unit Assessment), 1.2 (Using Fossils to Understand Earth) and 1.3 (Exploring Earth's Plates)
	Oct. 30- Nov. 3	Lesson 1.4 (Analyzing Patterns at Plate Boundaries) <b>Chapter 2:</b> Understanding Plate Boundaries Lessons: 2.1 (Considering What's Underneath Earth's Plates), 2.2 (Listening to Earth)

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Quarter	Dates	<b>Amplify Core Content</b> <b>Unit: Plate Motion (19 Lessons)</b>
Q2	Oct. 30- Nov. 3	Lesson 1.4 (Analyzing Patterns at Plate Boundaries) <b>Chapter 2:</b> Understanding Plate Boundaries Lessons: 2.1 (Considering What's Underneath Earth's Plates), 2.2 (Listening to Earth)
	Nov. 6-10	Lessons: 2.3 (Explaining Plate-Mantle Interactions) 2.4 (Modeling Plate-Mantle Interactions) and 2.5 (Identifying Plate Motion at a Plate Boundary)
	Nov. 13-17	Lessons: 2.6 (Critical Juncture Assessment) and 2.7 (Exploring Iceland's Plate Boundary)
	Nov. 20-24*	<b>Thanksgiving Break</b>
	Nov. 27-1	<b>Chapter 3:</b> Investigating the Rate of Plate Movement Lessons: 3.1 (Considering Rates of Plate Movement) and 3.2 ("A Continental Puzzle")
	Dec. 4-8	Lessons: 3.3 (Reconstructing Gondwanaland) and 3.4 (Writing About Mesosaurus)
	Dec. 11-15	<b>Chapter 4:</b> Science Seminar Lessons: 4.1 (Plate Motion Near Jalisco, Mexico) 4.2 (Participating in a Science Seminar)
	Dec. 18-22	Lessons: 4.3 (Writing a Scientific Argument) and 4.4 (End of Unit Assessment)
	Dec. 25-29	<b>Winter Break</b>
	Jan. 1-5	

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

Quarter	Dates	<b>Amplify Core Content</b> <b>Internship: Plate Motion Engineering (10 Lessons)</b>
Q2	Jan. 8-12	Days 1-5
	Jan. 15-19	Days 6-10

## Lansing School District: Seventh Grade Science Year-At-A-Glance Expected Pacing

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit: Rock Transformations (19 Lessons)</b>
Q3	Jan. 22-26	<b>Chapter 1:</b> Rock Formations Lessons: 1.1 (Pre-Unit Assessment), 1.2 (Studying Rock Formations and Samples), and 1.3 (Investigating How Rocks Are Formed)
	Jan. 29-Feb. 2	Lessons: 1.4 (Modeling How Rocks Are Formed), and 1.5 (Examining Evidence About Rocks)
	Feb. 5-9	<b>Chapter 2:</b> Sediment and Magma Lessons: 2.1 (Exploring How Magma and Sediment Form), 2.2 (“Devils Tower”), and 2.3 (Energy’s Role in Forming Rocks)
	Feb. 12-16	Lessons: 2.4 (Explaining How Energy Affects Rocks), 2.5 (Critical Juncture Assessment), and 2.6 (Investigating Hawaiian Rocks)
	Feb. 19-23	<b>Chapter 3:</b> Movement of Rock Formations Lessons: 3.1 (“The Oldest Rock Formations on Earth”), 3.2 (Moving Rock Formations), and 3.3 (Plate Motion and Rock Transformations)
	Feb. 26-Mar. 1	Lesson: 3.4 (Preparing the Final Report) <b>Chapter 4:</b> Rock Transformations on Venus Lessons: 4.1 (Examining Evidence from Venus) and 4.2 (More Evidence About Venus)
	Mar. 4-8	Lessons: 4.3 (Engaging in A Science Seminar)
	Mar. 11-15	Flex Week: Used for review, catch up with pacing and/or additional math lessons.
	Mar. 18-22	Lesson 4.4 (End-of-Unit Assessment)

## Lansing School District: Seventh Grade Science Year-At-A-Glance Expected Pacing

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit: Phase Change (19 Lessons)</b>
Q3	Mar. 18-22	Lesson 4.4 (End-of-Unit Assessment) <b>Chapter 1:</b> Describing Phase Change at Two Scales Lessons: 1.1 (Pre-Unit Assessment)
	Mar. 25-29	Spring Break
	April 1-5	Lessons: 1.2 (Introducing Titan's Disappearing Lake), 1.3 (Investigating the Molecular Scale), and 1.4 (Weird Water Events)

## Lansing School District: Seventh Grade Science Year-At-A-Glance Expected Pacing

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit: Phase Change (19 Lessons)</b> <b>Phase Change Engineering Internship (10 Lessons)</b>
Q4	April 8-12	<b>Chapter 1:</b> Describing Phase Change at Two Scales Lessons: 1.5 (Investigating Evaporation and Freezing) and 1.6 (Modeling the Molecular Scale) <b>Chapter 2:</b> Investigating Energy and Phase Change Lesson: 2.1 (Causing Freedom of Movement Changes)
	April 15-19	Lessons: 2.2 (Understanding Energy Transfers), and 2.3 (Evaluating Evidence and Claims) <b>Chapter 3:</b> Investigating Attraction and Phase Change Lessons: 3.1 ("Liquid Oxygen") and 3.2 (Focusing on Molecular Attraction)
	April 22-26	Lessons 3.3 (Modeling Attraction), 3.4 (Critical Juncture Assessment), and 3.5 (Investigating Office Mysteries)
	April 29-May 3	<b>Chapter 4:</b> Science Seminar Lessons: 4.1 (Introducing the Liquid Oxygen Problem), 4.2 (Analyzing Claims and Evidence), 4.3 (Science Seminar), 4.4 (Writing a Scientific Argument) and 4.5 (End of Unit Assessment)
	May 6-10	Lesson: 4.5 (End of Unit Assessment) <b>Phase Change Engineering Internship</b> Designing Portable Baby Incubators Day 1-3
	May 13-17	<b>Phase Change Engineering Internship</b> Designing Portable Baby Incubators Day 4-7

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Q4	May 20-24	<b>Phase Change Engineering Internship</b> Designing Portable Baby Incubators Day 8-10
	May 27-31	Flex Week
	June 3-7	Flex Week