

Lansing School District Kindergarten Science Year-At-A-Glance Expected Pacing

Quarter	Dates	Amplify Core Content Unit 1 Needs of Plants and Animals
Q1	Aug. 28-31	Community building/Routines/Procedures
	Sept. 5-8	Lesson 1
	Sept. 11-15	Lesson 2 Chapter 1 Why are there no monarch caterpillars since the Field was made into the Garden Lesson 1.1 (Unit Assessment) 1.2 (Science Walk)
	Sept. 18-22	Lesson 3 Chapter 1 Lessons 1.3 (Observing a Place) 1.4 (Exploring Animal Needs)
	Sept. 25-29	Lesson 4 Chapter 1 Lessons 1.5 (Investigating Animal Habitats) 1.6 (Explaining Why There Are No Caterpillars) 1.7 (Setting up an Investigation)
	Oct. 2-6	Lesson 5-6 Chapter 2 Why did two milkweed seeds become plants, but the other did not? Lessons 2.1 (Growing Seeds) 2.2 (Comparing Plant Growth)
	Oct. 9-13	Chapter 2 Lessons: 2.3 (Investigating Plant Needs), 2.4 (A Plant in the Desert) and 2.5 (Observing Garlic Roots)
	Oct. 16-20	Lessons: 2.6 (Observing Radish Roots) 2.7 (Water for Milkweed) Chapter 3: Why do the milkweed plants that get water grow differently? Lesson 3.1 (Planning a Light Investigation)
	Oct. 23-27	Chapter 3 Lessons: 3.2 (Observing Light Investigations) 3.3 (Growing Toward the Light)
	Oct. 30- Nov. 3	Lessons:3.4 Chapter 4 Lessons 4.1 (Investigating Monarchs), 4.2 (Investigating Human Needs)

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Quarter	Dates	Amplify Core Content Unit: Needs of Plants and Animals and Pushes and Pulls (22 lessons)
Q2	Oct. 30.-Nov. 3	Lessons: 3.4 Chapter 4 Lessons 4.1 (Investigating Monarchs),
	Nov. 6-10	Lessons 4.2 (Investigating Human Needs) and 4.3 (Reflecting on Needs of Living Things)
	Nov. 13-17	Lesson: 4.4 (End of Unit Assessment)
	Nov. 20-24*	No School (Thanksgiving Break)
	Nov. 27-1	Unit: Pushes and Pulls Chapter 1 How do we make a pinball start to move? Lessons: 1.1 (Pre-Unit Assessment), and 1.2 (Talking About Forces)
	Dec. 4-8	Lessons: 1.3 (Forces Happen Between Two Objects) and 1.4 (We Are Engineers)
	Dec. 11-15	Lesson 1.5 (Writing About Forces) Flex the remainder of the week Chapter 2: How do we make a pinball move as far as we want? Lesson 2.1 (Exploring Shorter and Longer Distances)
	Dec. 18-22	Lessons: 2.2 Strong and Gentle Forces and 2.3 (Designing a New Launcher)
	Dec. 25-29	No School (Winter Break)
	Jan. 1-5	

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Quarter	Dates	Amplify Core Content Unit 2 Pushes and Pulls Cont.
Q2	Jan. 8-12	Chapter 3: How do we make a pinball move to a certain place? Lessons: 3.1 (Movement in Different Directions), and 3.2 (Building with Forces)
	Jan 15-19	Lessons: 3.3 (Direction and Strength), 3.4 (Targets in the Box Model) and 3.5 (Applying Strength and Direction)

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Quarter	Dates	Amplify Core Content Unit 2 Pushes and Pulls Cont. (22 Lessons)
Q3	Jan. 22-26	Chapter 4: How do we make a moving pinball change direction? Lessons: 4.1 (Changing Direction) and 4.2 (Forces Change an Object's Direction)
	Jan. 29-Feb. 2	Lessons: 4.3 (Flippers and Bumpers) Chapter 5: How can we make the pinball machine do all the things we want it to do? Lesson: 5.1 (Room 4 Solves a Problem)
	Feb. 5-9	Lessons: 5.2 (Testing and Improving Our Box Models) and 5.3 (Showcasing Our Box Models)
	Feb. 12-16	Chapter 6: Where are forces around us? Lesson: 6.1 (Searching for Forces)
	Feb. 19-23	Lesson: 6.2 (A Busy Day in Pushville)
	Feb. 26-Mar. 1	Flex Week: This week is used to catch-up with pacing, review or can be used for additional math.
	Mar. 4-8	6.3 (End of Unit Assessment)

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Quarter	Dates	Amplify Core Content Sunlight and Weather (22 Lessons)
Q3	Mar. 11-15	Unit: Sunlight and Weather Chapter 1: What is the weather like on the playgrounds? Lessons: 1.1 (What Is the Weather Like Today?) and 1.2 (Introducing Temperature)
	Mar. 18-22	Lessons: 1.3 (Pre-Unit Assessment) and 1.4 (Weather and the Playgrounds)
	Mar. 25-29	Spring Break
	April 1-5	Chapter 2: Why do the playgrounds get warm? Lessons 2.1 (Modeling the Sun Warming Earth's Surface) and 2.2 (Learning More About Models)

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Quarter	Dates	Amplify Core Content Sunlight and Weather (22 Lessons)
Q4	April 8-12	Chapter 2: Why do the playgrounds get warm? Lessons: 2.3 Investigating Sunlight on Earth's Surface and 2.4 Applying Sunlight Warming Earth's Surface
	April 15-19	Social Studies
	April 22-26	
	April 29-May 3	Chapter 3: Why are the playgrounds warmer in the afternoon? Lesson 3.1 Getting Warm in the Sunlight, 3.2 Discussing Warming Over Time, and 3.3 Showing Ideas About Warming Over Time
	May 6-10	Lesson 3.4 Reflecting on Warming Through Time Chapter 4: Why is Woodland Elementary School's Playground always warmer during recess? Lessons: 4.1 Modeling Warming of Different Surfaces and 4.2 Reflecting on Warming of Different Surfaces
	May 13-17	Social Studies
	May 20-24	
	May 27-31	Lessons: 4.3 Cool People in Hot Places and 4.4 Revisiting Sunlight Warming Earth's Surface
	June 3-7	Chapter 5: Why does only Woodland Elementary School's playground flood? Lessons: 5.1 Tornado! Predicting Severe Weather, 5.2 Investigating with the Flooding Model and 5.3 Discussing the Flooding Models