

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

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit 1 Needs of Plants and Animals</b>
Q1	Aug.21-23	Community Building/Routines/Procedures
	Aug. 26- Aug. 29	<b>Chapter 1:</b> Why are there no monarch caterpillars since the Field was made into the Garden? Lessons: 1.1 Pre-Unit Assessment 1.2 Science Walk
	Sept. 3-6	Lessons: 1.3 Observing a Place 1.4 Exploring Animal Needs
	Sept. 9-13	Lessons: 1.5 Investigating Animal Habitats 1.6 Explaining Why There Are No Caterpillars 1.7 Setting up an Investigation
	Sept. 16-20	<b>Chapter 2:</b> Why did two milkweed seeds become plants, but the other did not? Lessons: 2.1 Growing Seeds 2.2 Comparing Plant Growth 2.3 Investigating Plant Needs
	Sept. 23-26	Lessons: 2.4 A Plant in the Desert 2.5 Observing Garlic Roots 2.6 Observing Radish Roots

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Quarter	Dates	Amplify Core Content <b>Unit 1 Needs of Plants and Animals</b>
Q1	Sept. 30-Oct. 4	2.7 Water for Milkweed <b>Chapter 3:</b> Why do the milkweed plants that get water grow differently? Lessons: 3.1 Planning a Light Investigation 3.2 Observing Light Investigations
	Oct. 7-11	3.3 Growing Toward the Light 3.4 Above and Below <b>Chapter 4:</b> How do we make the Garden a place where monarch caterpillars can live again? Lessons: 4.1 Investigating Monarchs
	Oct. 14-17	Lessons: 4.2 Investigating Human Needs 4.3 Reflecting on Needs of Living Things 4.4 End of Unit Assessment
	Oct. 21- Oct. 25	<b>Social Studies</b>
	Oct. 28- Nov. 1	

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Quarter	Dates	<b>Amplify Core Content</b> <b>Unit: Pushes and Pulls (22 Lessons)</b>
Q2	Nov. 4-8	<b>Chapter 1:</b> How do we make a pinball start to move? Lessons: 1.1 Pre-Unit Assessment 1.2 Talking About Forces
	Nov. 11-15	Lessons: 1.3 Forces Happen Between Two Objects 1.4 We Are Engineers 1.5 Writing About Forces
	Nov. 18-22	<b>Chapter 2:</b> How do we make a pinball move as far as we want? Lessons: 2.1 Exploring Shorter and Longer Distances 2.2 Strong and Gentle Forces 2.3 Designing a New Launcher
	Nov. 25-29	<b>No School (Thanksgiving Break)</b>
	Dec. 2-6	<b>Chapter 3:</b> How do we make a pinball move to a certain place? Lessons: 3.1 Movement in Different Directions 3.2 Building with Forces

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Quarter	Dates	<b>Amplify Core Content</b> <b>Unit: Pushes and Pulls (22 Lessons)</b>
Q2	Dec. 9-13	Lessons: 3.3 Direction and Strength 3.4 Targets in the Box Model 3.5 Applying Strength and Direction
	Dec. 16-20	Social Studies
	Dec. 23-Jan. 3	
	Jan.6-10	Social Studies
	Jan 13-17	

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Quarter	Dates	<b>Amplify Core Content</b> <b>Unit 2 Pushes and Pulls</b>
Q3	Jan. 20-24	<b>Chapter 4:</b> How do we make a moving pinball change direction? Lessons: 4.1 Change Direction 4.2 Forces Change an Object's Direction 4.3 Flippers and Bumpers
	Jan. 27-31	<b>Chapter 5:</b> How can we make the pinball machine do all the things we want it to do? Lessons: 5.1 Room 4 Solves a Problem 5.2 Testing and Improving Our Box Models 5.3 Showcasing Our Box Models
	Feb. 3-7	<b>Chapter 6:</b> Where are forces around us? 6.1 Searching for Forces 6.2 A Busy Day in Pushville 6.3 End of Unit Assessment
	Feb. 10-13	<b>Social Studies</b>
	Feb. 18-21	
	Feb. 24-28	
	Mar. 3-7	<b>Chapter 1:</b> What is the weather like on the playgrounds? Lessons: 1.1 What Is the Weather Like Today? 1.2 Introducing Temperature 1.3 Pre-Unit Assessment

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

Quarter	Dates	<b>Amplify Core Content</b> <b>Sunlight and Weather (22 Lessons)</b>
Q3	Mar. 10-13	<b>Chapter 2:</b> Why do the playgrounds get warm? Lessons: 2.1 Modeling the Sun Warming Earth's Surface 2.2 Learning More About Models
	Mar. 17-20	Lessons: 2.3 Investigating Sunlight on Earth's Surface 2.4 Applying Sunlight Warming Earth's Surface
	Mar. 24-28	Spring Break
	Mar. 31- Apr. 4	<b>Chapter 3:</b> Why are the playgrounds warmer in the afternoon? Lessons: 3.1 Getting Warm in the Sunlight 3.2 Discussing Warming Over Time

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Quarter	Dates	<b>Amplify Core Content</b> <b>Sunlight and Weather (22 Lessons)</b>
Q4	April 7-11	Lessons: 3.3 Showing Ideas About Warming Over Time 3.4 Reflecting on Warming Through Time
	April 14-18	<b>Social Studies</b>
	April 21-24	
	April 28-May 2	<b>Chapter 4:</b> Why is Woodland Elementary School's playground always warmer during recess? Lessons: 4.1 Modeling Warming of Different Surfaces 4.2 Reflecting on Warming of Different Surfaces 4.3 Cool People in Hot Places
	May 5-9	Lessons: 4.4 Revisiting Sunlight Warming Earth's Surface <b>Chapter 5:</b> Why does only Woodland Elementary School's playground flood? Lessons: 5.1 Tornado! Predicting Severe Weather 5.2 Investigating with the Flooding Model
	May 12-16	<b>Social Studies</b>

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Q4	May 19-23	<b>Social Studies</b>
	May 26-30	Lessons: 5.3 Discussing the Flooding Models 5.4 Investigating Flooding Solutions 5.5 Reflecting on Weather and Sunlight
	June 2-6	Lessons: 5.6 End of Unit Assessment