

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

Quarter	Dates	Amplify Core Content Unit Animal and Plant Defenses (22 Lessons)
Q1	Aug. 21-23	Community building/Routines/Procedures
	Aug. 26-29	Animal and Plant Defenses: Lessons 1
	Sept. 3-6	Chapter 1 How does Spruce the Sea Turtle do what she needs to do to survive? Lessons: 1.1 (Pre-Unit Assessment), 1.2 (Tortoise Parts)
	Sept. 9-13	Lessons: 1.3 (Animal and Plant Structures), 1.4 (Surviving by Not Being Eaten) and: 1.5 (Explaining Sea Turtle Survival)
	Sept. 16-20	Social Studies
	Sept. 23-26	
	Sept. 30- Oct. 4	Chapter 2 How Can Spruce the Sea Turtle survive where there are sharks? Lessons 2.1 (Whose lunch is This) 2.2 (Sharp Structures for Eating) and Lessons: 2.3 (Introducing Modeling)
	Oct.7-11	Lessons: 2.4 (Modeling Shells and Armor) 2.5 (Modeling Spikes) and 2.6 (Modeling Camouflage)
	Oct. 14-17	Lessons: 2.7 (Explaining Defenses) 2.8 (Defending the Food Supply) Lessons
	Oct. 21-Nov. 1	Social Studies

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Quarter	Dates	Unit: Animal and Plant Defenses
Q2	Nov. 4-8	Social Studies
	Nov. 11-15	
	Nov. 18-22	<p>Chapter 2: How Can Spruce the Sea Turtle Survive Where There are Sharks? Lessons: 2.1 (Whose Lunch Is This?), 2.2 (Sharp Structures for Eating), 2.3 (Introducing Modeling) and 2.4 (Modeling Shells and Armor)</p>
	Nov. 25-29	Thanksgiving Break
	Dec. 2-6	Lessons: 2.5 (Modeling Spikes), 2.6 (Modeling Camouflage), 2.7 (Explaining Defenses), and 2.8 (Defending the Food Supply)
	Dec. 9-13	<p>Lessons: 2.8 (Defending the Food Supply) Chapter 3: How can Spruce the Sea Turtle's offspring survive where there are sharks? Lessons: 3.1 (Introducing Offspring), 3.2 (Parents and Offspring) and 3.3 (Offspring Defenses)</p>
	Dec. 16-20	<p>Lessons: 3.4 (Young Offspring), and 3.5 (Exploring Parental Care) Chapter 4: How can aquarium scientist explain animal defenses to the visitors? Lessons: 4.1 (Frog Models), and 4.2 (Making Models for the Exhibit)</p>
	Dec. 23--27	Winter Break
	Dec. 30- Jan. 3	

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Quarter	Dates	Amplify Core Content Unit: Light and Sound Cont.
Q2	Jan. 6-10	Lessons: 4.3 (Aquarium Animal Exhibit) and 4.4 (End of Unit Assessment)
	Jan. 13-17	Social Studies
	Jan. 20-24	

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Quarter	Dates	Amplify Core Content Unit: Light and Sound (22 Lessons)
Q3	Jan. 27-31	Chapter 1: How do we make brighter or darker areas? Lessons: 1.1 (Pre-Unit Assessment), 1.2 (Can You See in the Dark?) and 1.3 (Light-Source Hunt) and 1.4 (Making Sense of Light Sources and Brightness)
	Feb. 3-7	Lesson: 1.5 (Light Makes Surfaces Look Bright) Chapter 2: How do we make a dark area in a bright puppet show scene? Lessons: 2.1 (Exploring Shadows), 2.2 (What Made This Shadow?), 2.3 (Investigating Blocking)
	Feb. 10-13	Lesson: 2.4 (Designing a Cutout to Make a Dark Area) and 2.5 (Explaining the Dark Park of the Surface)
	Feb. 18-21	Social Studies
	Feb. 24-28	
	Mar. 3-7	Chapter 3: How do we make bright, medium bright, and dark areas in a scene? Lessons: 3.1 (Investigating Materials That Do Not Block), 3.2 (Let's Test!), 3.3 (Making Sense of Full and Partial Transmission)
	Mar. 10-13	Lessons: 3.4 Planning and Making Our Stencils, 3.5 Testing and Revising Our Solutions and 3.6 (Explaining the Puppet Show Scene)

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Quarter	Dates	Amplify Core Content Unit: Spinning Earth
Q3	Mar. 17-20	Chapter 4: How do we design a sound source to go with a puppet show scene? Lessons: 4.1 (Exploring Sound Sources), 4.2 (What Vibrates?), 4.3 (Explaining Vibration in Sound Sources) and 4.4 (Designing Sound Sources)
	Mar. 24-28	Spring Break
	Mar. 31- Apr. 4	Lessons: 4.5 (Sharing Light and Sound Solutions) and 4.6 (End of Unit Assessment)

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Quarter	Dates	Amplify Core Content Unit: Spinning Earth (22 Lessons)
Q4	April 21-24	Social Studies
	April 28-May 2	
		Chapter 1: Why did the sky look different to Sai than to his grandma? Lessons: 1.1 (Pre-Unit Assessment), 1.2 (After Sunset), 1.3 (The Pattern of Daytime and Nighttime) and 1.4 (The Sky from Different Places)
		Lessons: 1.5 Explaining the Sky in Different Places Chapter 2: Why was it daytime for Sai when it was nighttime for his grandma? Lessons: 2.1 (Observing Earth from Space), 2.2 (Daytime and Nighttime in Places on Earth), 2.3 (Explaining Daytime and Nighttime.
		Lesson: 2.4 (Explaining Sai's Problem) Chapter 3: Why did daytime change to nighttime while Sai talked on the phone? Lessons: 3.1 (Investigating the Sunset), 3.2 (Observing the Horizon)
	May 5-9	
	May 12-16	Lessons: 4.3 Explaining the Sun's Repeating Pattern and 4.4 Explaining What Sai Will See

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Quarter	Dates	Amplify Core Content Unit: Spinning Earth (22 Lessons)
Q4	May 19-23	Social Studies Chapter 5: Why was it nighttime for Sai when he called his grandma during the winter? Lessons: 5.1 A Walk Through the Seasons, 5.2 Exploring and Explaining Daylight in Different Seasons and 5.3 End of Unit Assessment
	May 26-30	
	June 2-6	