

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

Quarter	Dates	<b>Amplify Core Content</b> <b>Unit Animal and Plant Defenses (22 Lessons)</b>
Q1	Aug. 28-31	Community building/Routines/Procedures
	Sept. 5-8	Animal and Plant Defenses: Lesson 1
	Sept. 11-15	<b>Chapter 1</b> 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. 18-22	Lessons: 1.3 (Animal and Plant Structures), 1.4 (Surviving by Not Being Eaten)
	Sept. 25-29	Lessons: 1.5 (Explaining Sea Turtle Survival) <b>Chapter 2</b> How Can Spruce the Sea Turtle survive where there are sharks? Lessons 2.1 (Whose lunch is This) 2.2 (Sharp Structures for Eating)
	Oct. 2-6	Lessons: 2.3 (Introducing Modeling), 2.4 (Modeling Shells and Armor) 2.5 (Modeling Spikes)
	Oct. 9-13	Lessons: 2.6 (Modeling Camouflage), 2.7 (Explaining Defenses) 2.8 (Defending the Food Supply) Lesson
	Oct. 16-20	<b>Chapter 3</b> How can Spruce the Sea Turtle's offspring survive where there are sharks? Lessons: 3.1 (Introducing Offspring), 3.1 (Parents and Offspring) and 3.3 (Offspring Defenses)
	Oct. 23-27	Lessons: 3.4 (Young Offspring), 3.5 (Exploring Parental Care)
	Oct. 30-Nov. 3	<b>Chapter 4:</b> How can aquarium scientists explain animal defenses to the visitors? Lessons: 4.1 (Frog Models), 4.2 (Making Models for the Exhibit)

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Quarter	Dates	Unit: Animal and Plant Defenses Unit: Light and Sound (22 lessons)	
Q2	Oct. 30.-Nov. 3	<b>Chapter 4:</b> How can aquarium scientists explain animal defenses to the visitors? Lessons: 4.1 (Frog Models), 4.2 (Making Models for the Exhibit)	
	Nov. 6-10	Lessons: 4.3 (Aquarium Animal Exhibit) and 4.4 (End of Unit Assessment)	
	Nov. 13-17	Flex week: Used to catch up on pacing or to use as additional math intervention	
	Nov. 20-24*	<b>Thanksgiving Break</b>	
	Nov. 27-1	<b>Unit: Light and Sound</b> <b>Chapter 1:</b> How do we make brighter or darker areas? Lessons: 1.1 (Pre-Unit Assessment), and 1.2 (Can You See in the Dark?)	
	Dec. 4-8	Lessons: 1.3 (Light-Source Hunt), 1.4 (Making Sense of Light Sources and Brightness) and 1.5 (Light Makes Surfaces Look Bright)	
	Dec. 11-15	<b>Chapter 2:</b> How do we make a dark area in a bright puppet show scene? Lessons: 2.1 (Exploring Shadows) and 2.2 (What Made This Shadow?)	
	Dec. 18-22	Lessons: 2.3 (Investigating Blocking), 2.4 (Designing a Cutout to Make a Dark Area) and 2.5 (Explaining the Dark Part of the Surface)	
	Dec. 25-29	<b>Winter Break</b>	
	Jan. 1-5		

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Quarter	Dates	Unit: Light and Sound Cont.
Q2	Jan. 8-12	<b>Chapter 3: How do we make bright, medium bright, and dark areas in a scene?</b> Lessons: 3.1 (Investigating Materials That Do Not Block), 3.2 (Let's Test!), and 3.3 (Making Sense of Full and Partial Transmission)
	Jan. 15-19	Lessons: 3.4 (Planning and Making Our Stencils), 3.5 (Testing and Revising Our Solutions) and 3.6 (Explaining the Puppet-Show Scene)