

4th Grade Science Curriculum Map

Quarter	Topic	Concepts Covered	Science Standards	Resources & Tools
Quarter 1	Topic 1: Energy & Heat	<ul style="list-style-type: none"> What are forms of energy? What is sound energy? What is light energy? What is heat? 	4-PS3-1/2/3/4 PS3.a, PS3.b, PS3.c, PS3.d, RI.4.1, RI.4.3, RI.4.7, W4.7, W.4.8, W.4.9, 4-PS4-1/2/3, PS4.A/B, 3-5-	<ul style="list-style-type: none"> Savvas Interactive Science book Savvas Online components such as: <ul style="list-style-type: none"> - Chapter experiments - Virtual labs - Got It Videos Online resources Interactive tv Chromebooks Teacher-created materials or resources Learning Videos Scholastic News Magazine
	Topic 2: STEM/STEAM	<ul style="list-style-type: none"> What is STEM? Engineering Design Process 		
Quarter 2	Topic 3: Motion	<ul style="list-style-type: none"> What is Motion? What is Speed? 	4-PS3-1/2/3/4 PS3.a, PS3.b, PS3.c, PS3.d, RI.4.1, RI.4.3, RI.4.7, W4.7, W.4.8, W.4.9, 4-PS4-1/2/3, PS4.A/B, 3-5	
Quarter 3	Topic 4: Electricity	<ul style="list-style-type: none"> How do electric charges flow in a circuit? How can energy change? 	4-PS3-1/2/3/4 PS3.a, PS3.b, PS3.c, PS3.d, RI.4.1, RI.4.3, RI.4.7, W4.7, W.4.8, W.4.9, 4-PS4-1/2/3, PS4.A/B, 3-5	
Quarter 4	Topic 5: Plants & Animals	<ul style="list-style-type: none"> How are plants and animals classified? How do plants reproduce? How do plants make food? What are adaptations What plant and animal characteristics are inherited? How do animals respond to the environment? 	4-LS1-1/2, LS1.A/B, 3-5-ETS1-1,2,3 RI.4.7, RI.5.1, RI.5.7, W.5.8, W.5.9, MP.2, MP.5	

*STEM Lessons/Activities will be added throughout the quarter to enhance the current lesson.