

4th Grade Science Curriculum Map

Quarter	Topic	Concepts Covered	Science Standards	Resources & Tools
Quarter 1	Topic 1: Energy & Heat Topic 2: STEM/STEAM	<ul style="list-style-type: none"> • What are forms of energy? • What is sound energy? • What is light energy? • What is heat? • What is STEM? • Engineering Design Process 	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
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	<ul style="list-style-type: none"> • Teacher-created materials or resources • Learning Videos • Scholastic News Magazine

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