

CURRICULUM MAP FOR SCIENCE GRADE 4

(Suggested timeline for introducing content and process standards - some overlap all four quarters)

SCIENCE GSEs	Electricity Kit	Earth Materials Kit	Other	Ecosystem Kit
1. Life Science			<ul style="list-style-type: none"> • External and internal body structures 1.8.1, 1.8.2 • Heredity 1.9.1 • Instinctive behavior 1.9.2 • Experiment/Activity 1.8.3, 1.9.3 • Open Response 1.8.4, 1.9.4 • Assessment Target 1.9 	<ul style="list-style-type: none"> • Organism 1.1.1 • Living and non-living 1.1.2 • External features 1.1.3, 1.1.4, 1.1.5, 1.1.6, 1.1.7 • Survival Requirements 1.2.1-1.2.3, 1.3.1 • Life stages 1.3.2,-1.3.4 • Physical structures 1.4.1-1.4.2 • Sources of Energy 1.5.1, 1.6.1-1.6.3 • Environmental Change 1.7.1-1.7.2 • Experiment/Activity 1.1.6, 1.2.2, 1.3.4, 1.4.3, 1.5.2, 1.6.4, 1.7.3 • Open Response 1.1.7, 1.2.3, 1.3.5, 1.4.4, 1.5.3, 1.6.5, 1.7.4 • Assessment Targets 1.1, 1.2, 1.3, 1.5, 1.7, 1.8
2. Earth and Space Science		<ul style="list-style-type: none"> • Earth materials 2.1.1-2.1.5, 2.6.1 • Earth systems 2.2.1, 2.4.1-2.4.3 • Experiment/Activity 2.1.6, 2.2.2, 2.4.4, 2.6.2 • Open Response 2.1.7, 2.2.3, 2.4.5, 2.6.3 • Assessment Targets 2.1, 2.2, 2.4, 2.6 		

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SCIENCE GSEs	Electricity Kit	Earth Materials Kit	Other	Ecosystem Kit
3. Physical Science	<ul style="list-style-type: none"> • Energy 3.4.3-3.4.5 • Motion 3.7.1-3.7.2 • Force 3.7.3-3.7.4, 3.8.1-3.8.3 • Experiment/Activity 3.4.6, 3.7.5, 3.8.4 • Open Response 3.4.7, 3.7.6, 3.8.5 • Assessment Targets 3.4, 3.7, 3.8 	Matter 3.1.1-3.1.3 <ul style="list-style-type: none"> • Experiment/Activity 3.1.4, 3.3.4 • Open Response 3.1.5, 3.3.5 • Assessment Target 3.3 		
4. Inquiry	<b style="color: red;">Inquiry Method <ul style="list-style-type: none"> • Collects data • Communicates understanding & ideas • Designs, conducts, & critiques investigations • Represents, analyzes, & interprets data • Experimental design • Observes • Predicts • Questions and hypothesizes • Uses evidence to draw conclusions • Uses tools, & techniques <p style="color: red; margin-top: 10px;">Open Response</p> <p style="color: red; margin-top: 10px;">Assessment Target</p>	<b style="color: red;">Inquiry Method <ul style="list-style-type: none"> • Collects data • Communicates understanding & ideas • Designs, conducts, & critiques investigations • Represents, analyzes, & interprets data • Experimental design • Observes • Predicts • Questions and hypothesizes • Uses evidence to draw conclusions • Uses tools, & techniques <p style="color: red; margin-top: 10px;">Open Response</p> <p style="color: red; margin-top: 10px;">Assessment Target</p>	<b style="color: red;">Inquiry Method <ul style="list-style-type: none"> • Collects data • Communicates understanding & ideas • Designs, conducts, & critiques investigations • Represents, analyzes, & interprets data • Experimental design • Observes • Predicts • Questions and hypothesizes • Uses evidence to draw conclusions • Uses tools, & techniques <p style="color: red; margin-top: 10px;">Open Response</p> <p style="color: red; margin-top: 10px;">Assessment Target</p>	<b style="color: red;">Inquiry Method <ul style="list-style-type: none"> • Collects data • Communicates understanding & ideas • Designs, conducts, & critiques investigations • Represents, analyzes, & interprets data • Experimental design • Observes • Predicts • Questions and hypothesizes • Uses evidence to draw conclusions • Uses tools, & techniques <p style="color: red; margin-top: 10px;">Open Response</p> <p style="color: red; margin-top: 10px;">Assessment Target</p>