

CURRICULUM MAP FOR SCIENCE GRADE 1

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

Any item with an * is a supplement

SCIENCE GSEs	Weather Kit	Balance and Motion Kit	Organisms Kit	Other
1. Life Science			<ul style="list-style-type: none"> • Living and non-living 1.1.1 • External features 1.1.2-1.1.3 • Basic needs 1.2.1 • Life stages 1.3.1 • Change over time (life cycle)1.3.2 • Physical structures for survival 1.4.1 • Growth and survival, varied conditions 1.5.1 • Food chain, food web 1.6.1 • Survival in habitat and ecosystem 1.6.2 • Five senses 1.7.1 • Humans and other organisms 1.7.2 • Senses for survival 1.7.3 • Comparing humans to humans and other organisms 1.8.1 • Learned, taught behaviors 1.8.2 <p style="color: red; margin-top: 5px;">Experiment/Activity</p> <ul style="list-style-type: none"> • Venn Diagram 1.1.4 • Investigations 1,2,4,5,8,10,13-16 • Investigations 1 and 3 • Graph growth changes 1.3.3 • Investigations 8-12 • Label parts of an organism1.4.2 • Investigations 8 and 9 • Growth conditions 1.5.2 • Aquarium and terrarium (ideal environment) 1.6.3 • Investigations 7, 11, & 12 • Graphic organizers - comparison 1.7.4 • Investigations 2 & 16 • Attribute game (Everday 	

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			Math)1.8.3 • Investigations 1 & 16 Open Response • 1.1.5 • 1.2.3 • 1.4.3 • 1.5.3 • 1.6.4 • 1.7.5 • 1.8.4	
2. Earth and Space Science	<ul style="list-style-type: none"> • Scientific tools and sense 2.3.1 • Four seasons 2.4.1 • Local weather 2.5.1 • Cloud types 2.5.2 • Sun and moon 2.7.1 • Earth's rotation 2.7.2 • Moon's appearance 2.7.3 Experiment/Activity <ul style="list-style-type: none"> • Use tools 2.3.2 • Weather calendar 2.4.2 • Cloud shapes and size 2.5.3 • Investigations 1-3, 2-5, 9-10 13-16, • Investigations 1,3,7,15 Open Response <ul style="list-style-type: none"> • 2.3.3 • 2.4.3 • 2.5.4 • 2.7.5 			<ul style="list-style-type: none"> • Stars 2.8.1 Experiment/Activity <ul style="list-style-type: none"> • Night sky 2.8.2 Open Response <ul style="list-style-type: none"> • 2.8.3

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3. Physical Science	<ul style="list-style-type: none"> • Solids and liquids 3.2.1 • Solids, liquids, and gas 3.2.2 • Heated and cooled 3.2.3 • Sun as energy 3.4.1 • Sun as heat 3.4.3 • Shadows 3.5.1 • Sun as heat 3.6.1 • Temperature change 3.6.2 <p style="color: red;">Experiment/Activity</p> <ul style="list-style-type: none"> • 3.2.4 • Investigations 10 & 11 • Shadows activity 3.5.1 • Puppets/silhouettes 3.5.2 • Heat moving 3.6.3 • Investigations 9 & 11 <p style="color: red;">Open Response</p> <ul style="list-style-type: none"> • 3.2.5 • 3.5.3 • 3.6.4 	<ul style="list-style-type: none"> • Sort by attributes 3.1.1 - 3.1.2 • Grouping 3.1.3 • Weight and balance 3.3.1 • Force affects motions 3.7.1 • Speed/distance 3.7.2 • Force, friction, and gravity 3.7.3 <p style="color: red;">Experiment/Activity</p> <ul style="list-style-type: none"> • Graphic organizers 3.1.4 • Guess rule 3.1.4 • Mobile 3.3.2 • Investigation 1.4 • 3.7.4 Investigation 2.1, 2.2, 2.2, 2.3, 3.1, 3.2, 3.3 <p style="color: red;">Open Response</p> <ul style="list-style-type: none"> • 3.1.5 • 3.3.3 • 3.4.5 • 3.7.5 		
4. Inquiry	<p style="color: red;">Inquiry Method</p> <ul style="list-style-type: none"> • Asks questions • Makes predictions • Uses tools appropriately • Conducts an experiment • Makes observations and collects data • Communicates ideas through drawings or words 	<p style="color: red;">Inquiry Method</p> <ul style="list-style-type: none"> • Asks questions • Makes predictions • Uses tools appropriately • Conducts an experiment • Makes observations and collects data • Communicates ideas through drawings or words 	<p style="color: red;">Inquiry Method</p> <ul style="list-style-type: none"> • Asks questions • Makes predictions • Uses tools appropriately • Conducts an experiment • Makes observations and collects data • Communicates ideas through drawings or words 	<p style="color: red;">Inquiry Method</p> <ul style="list-style-type: none"> • Asks questions • Makes predictions • Uses tools appropriately • Conducts an experiment • Makes observations and collects data • Communicates ideas through drawings or words