

Fourth Grade Science Scope and Sequence

	* First Quarter	* Second Quarter																	
Unifying Theme	Magnetism & Electricity (FOSS)	Earth Materials (FOSS)																	
Instructional Days	23 Days Days 1-23 on CMAPP	23 Days Days 24-46 on CMAPP																	
Standards	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">4.P.1</td> <td style="width: 33%; text-align: center;">4.P.2</td> <td style="width: 33%; text-align: center;">4.P.3</td> </tr> <tr> <td style="text-align: center;">4.P.1.1</td> <td style="text-align: center;">4.P.2.1</td> <td style="text-align: center;">4.P.3.1</td> </tr> <tr> <td style="text-align: center;">4.P.1.2</td> <td></td> <td style="text-align: center;">4.P.3.2</td> </tr> </table>	4.P.1	4.P.2	4.P.3	4.P.1.1	4.P.2.1	4.P.3.1	4.P.1.2		4.P.3.2	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; text-align: center;">4.E.2</td> <td style="width: 33%; text-align: center;">4.P.2.1</td> </tr> <tr> <td style="text-align: center;">4.E.2.1</td> <td style="text-align: center;">4.P.2.2</td> </tr> <tr> <td style="text-align: center;">4.E.2.2</td> <td style="text-align: center;">4.P.2.3</td> </tr> <tr> <td style="text-align: center;">4.P.2</td> <td></td> </tr> </table>	4.E.2	4.P.2.1	4.E.2.1	4.P.2.2	4.E.2.2	4.P.2.3	4.P.2	
4.P.1	4.P.2	4.P.3																	
4.P.1.1	4.P.2.1	4.P.3.1																	
4.P.1.2		4.P.3.2																	
4.E.2	4.P.2.1																		
4.E.2.1	4.P.2.2																		
4.E.2.2	4.P.2.3																		
4.P.2																			
Unit Concept	<p>Big Idea: Magnets interact with all things made of iron and with other magnets to produce motion without touching (e.g., like poles repel, while opposites attract). Electrically charged objects push and pull on other electrically charged objects to produce motion.</p> <p>Unifying Concepts: Evidence, Explanation, Measurement, Order, Organization, Change, Systems, Form, Function</p>	<p>Big Idea: Minerals can be identified using tests for physical properties of hardness, color, luster, and streak. Rocks are classified as metamorphic, sedimentary, or igneous. Fossils provide evidence of Earth’s early environments and the organisms that lived long ago.</p> <p>Unifying Concepts: Evidence, Explanation, Measurement, Order, Organization, Change, Systems, Form, Function</p>																	
Assessment	2 days Formative Assessment Probe & Summative Assessment	2 days Formative Assessment Probe & Summative Assessment																	
	* Third Quarter	* Fourth Quarter																	
Unifying Theme	Landforms (FOSS)	Animal Studies (STC)																	
Instructional Days	23 Days Days 47-69 on CMAPP	23 Days Days 70-92 on CMAPP																	
Standards	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; text-align: center;">4.E.2</td> <td style="width: 33%; text-align: center;">4.L.1</td> </tr> <tr> <td style="text-align: center;">4.E.2.1</td> <td style="text-align: center;">4.L.1.1</td> </tr> <tr> <td style="text-align: center;">4.E.2.2</td> <td style="text-align: center;">4.L.1.2</td> </tr> <tr> <td style="text-align: center;">4.E.2.3</td> <td style="text-align: center;">4.L.1.4</td> </tr> <tr> <td></td> <td style="text-align: center;">4.L.2</td> </tr> <tr> <td></td> <td style="text-align: center;">4.L.2.1</td> </tr> <tr> <td></td> <td style="text-align: center;">4.L.2.2</td> </tr> </table>	4.E.2	4.L.1	4.E.2.1	4.L.1.1	4.E.2.2	4.L.1.2	4.E.2.3	4.L.1.4		4.L.2		4.L.2.1		4.L.2.2				
4.E.2	4.L.1																		
4.E.2.1	4.L.1.1																		
4.E.2.2	4.L.1.2																		
4.E.2.3	4.L.1.4																		
	4.L.2																		
	4.L.2.1																		
	4.L.2.2																		
Unit Concept	<p>Big Idea: The surface of the Earth is constantly changing. Some changes are slow such as erosion and weathering. Other changes are rapid such a flooding, landslides, earthquakes, and volcanic eruptions.</p> <p>Unifying Concepts: Evidence, Explanation, Measurement, Order, Organization, Change, Systems, Form, Function</p>	<p>Big Idea: Animals meet their needs by using behaviors in response to information received from the environment.</p> <p>Unifying Concepts: Evidence, Explanation, Measurement, Order, Organization, Change Systems, Form, Function</p>																	
Assessment	2 days Formative Assessment Probe & Summative Assessment	2 days Formative Assessment Probe & Summative Assessment																	

** This scope and sequence reflects the WCPSS recommended sequence of science kits however, the science kits can be taught in any order based on the total number of science kits available at the school and the decision of the grade level PLT.*