

	<i>September</i>	<i>October</i>
<i>Content</i>	<p>Life Science: Butterfly Life Cycle portion ONLY of the unit.</p> <p><u>Lesson 6</u></p> <ul style="list-style-type: none"> • Observe the physical characteristics of the monarch larva • Record changes in the larva over a period of time <p><u>Lesson 7</u></p> <ul style="list-style-type: none"> • Explain how monarch caterpillars depend on milkweed plants for food • Plan & conduct a simple investigation into what caterpillars eat <p><u>Lesson 8</u></p> <ul style="list-style-type: none"> • Observe physical characteristics of a monarch pupa • Describe life cycles of familiar organisms <p><u>Lesson 12</u></p> <p><u>Lesson 13</u></p> <ul style="list-style-type: none"> • Describe the life cycle of the monarch butterfly and other familiar organisms 	<p>Physical Science: Sorting Things Out Science Kit.</p> <p><u>Lesson 1</u></p> <ul style="list-style-type: none"> • Sort common objects based on similarities • Identify common properties <p><u>Lesson 2</u></p> <ul style="list-style-type: none"> • Classify objects by properties • Share ideas about science through purposeful conversation <p><u>Lesson 3</u></p> <ul style="list-style-type: none"> • Sort objects by texture • Describe and graph results of the sorting activity <p><u>Lesson 4</u></p> <ul style="list-style-type: none"> • Sort objects by flexibility • Describe and graph results of sorting by flexibility <p><u>Lesson 5</u></p> <ul style="list-style-type: none"> • Observe that some objects are attracted to a magnet and that objects can be sorted using magnetic and nonmagnetic properties <p><u>Lesson 6</u></p> <ul style="list-style-type: none"> • Observe how magnets interact with different objects • Generate questions about magnets based on observation <p><u>Lesson 7</u></p> <ul style="list-style-type: none"> • Observe that magnets have poles that act differently when placed together • Observe how magnets can be used to push or pull other magnetic objects <p><u>Lesson 8</u></p> <ul style="list-style-type: none"> • Sort objects based on buoyancy (sink/float) • Describe and graph results of the sorting activity <p><u>Lesson 9</u></p> <ul style="list-style-type: none"> • Describe water as tasteless, colorless, and odorless <p><u>Lesson 10</u></p> <ul style="list-style-type: none"> • Observe that water as a liquid takes the shape of its container <p><u>Lesson 11</u></p> <ul style="list-style-type: none"> • Demonstrate that water as a solid keeps its own shape • Generate questions based on observations • Plan and conduct a simple investigation into melting ice <p><u>Lesson 12</u></p> <ul style="list-style-type: none"> • Observe the downward flow of water <p><u>Lesson 13</u></p> <ul style="list-style-type: none"> • Use student learning about magnets, sinking and floating, and water to make boats

	<i>September</i>			<i>October</i>			
<i>Assessment</i>	Battle Creek Area Math And Science Center Kit Unit Pre-Test			Battle Creek Area Math And Science Center Kit Unit Pre/Post Test			
	Battle Creek Area Math And Science Center Kit Unit journal entries			Battle Creek Area Math And Science Center Kit Unit journal entries			
<i>Core Standards</i>	<u>Lesson 6</u> S.IP.01.11 S.IP.01.12 S.IA.01.12 S.IA.01.13 S.RS.01.11	<u>Lesson 7</u> S.IP.01.11 S.IP.01.12 S.IP.01.13 S.IP.01.16 S.IA.01.12 S.IA.01.13 S.IA.01.14 S.IA.01.14 S.RS.01.11 L.OL.01.13	<u>Lesson 8</u> S.IP.01.11 S.IP.01.12 S.IA.01.12 S.IA.01.13 S.IA.01.14 S.RS.01.11 L.OL.01.21	<u>Lesson 1</u> S.IP.01.11 S.IP.01.16 S.RS.01.11 P.PM.01.11	<u>Lesson 2</u> S.IP.01.11 S.IP.01.16 S.RS.01.11 P.PM.01.11	<u>Lesson 3</u> S.IP.01.11 S.IP.01.16 S.RS.01.11 P.PM.01.11	
	<u>LESSON 12</u> S.IP.01.11 S.IP.01.12 S.IA.01.12 S.IA.01.13 S.IA.01.14 S.RS.01.11 L.OL.01.21 L.HE.01.12	<u>LESSON 13</u> S.RS.01.11 L.OL.01.21		<u>Lesson 4</u> S.IP.01.11 S.IP.01.16 S.RS.01.11 P.PM.01.11	<u>Lesson 5</u> S.IP.01.11 S.IP.01.13 S.RS.01.11 P.PM.01.11	<u>Lesson 6</u> S.IP.01.12 P.PM.01.31	
			<u>Lesson 7</u> S.IP.01.11 P.PM.01.31 P.PM.01.32	<u>Lesson 8</u> S.IP.01.11 S.IP.01.13 S.IP.01.16 S.RS.01.11	<u>Lesson 9</u> S.IP.01.11 S.RS.01.11		
			<u>Lesson 10</u> S.IP.01.11 S.RS.01.11 P.PM.01.22	<u>Lesson 11</u> S.IP.01.11 S.IP.01.16 S.RS.01.11 P.PM.01.21	<u>Lesson 12</u> S.IP.01.11 S.RS.01.11 P.PM.01.22		
			<u>Lesson 13</u> S.IP.01.11 S.IP.01.13 S.RS.01.11 P.PM.01.32				

	<i>November</i>	<i>December</i>	<i>January</i>
<i>Content</i>			<p>Earth Science: Weather Watchers Science Kit</p> <p><u>Lessons 1</u></p> <ul style="list-style-type: none"> • Share what students think about weather • Design a plan to learn more about weather <p><u>Lesson 2</u></p> <ul style="list-style-type: none"> • Gather weather data using senses • Organize weather data into charts <p><u>Lesson 3</u></p> <ul style="list-style-type: none"> • Recognize that air is all around us • Introduce the thermometer as a weather instrument used to measure the temperature of the air <p><u>Lesson 4</u></p> <ul style="list-style-type: none"> • Predict the warmest and coolest places in the playground • Determine how the temperature varies from place to place <p><u>Lesson 5</u></p> <ul style="list-style-type: none"> • Make wind observations using our senses <p><u>Lesson 6</u></p> <ul style="list-style-type: none"> • Design a windsock to aid in observing the speed and direction of the wind <p><u>Lesson 7</u></p> <ul style="list-style-type: none"> • Make cloud observations and describe cloud cover (cloudy, partly cloudy, and clear) <p><u>Lesson 8</u></p> <ul style="list-style-type: none"> • Use a model to demonstrate how water vapor and particles in the air form clouds <p><u>Lesson 9</u></p> <ul style="list-style-type: none"> • Construct a rain gauge to collect data for rainfall <p><u>Lesson 10</u></p> <ul style="list-style-type: none"> • Compare changes in weather related to rain and snow <p><u>Lesson 13</u></p> <ul style="list-style-type: none"> • Describe the weather related to winter • Compare the seasonal characteristics of fall and summer with the seasonal characteristics of winter • Describe severe weather events that occur in winter and the safety precautions that should be taken <p><u>Lesson 14</u></p> <ul style="list-style-type: none"> • Describe the weather related to spring • Compare the seasonal characteristics of summer, fall, winter, and spring • Review severe weather events that occur in spring and the safety precautions that should be taken
<i>Assessment</i>			<p>Battle Creek Area Math And Science Center Kit</p> <p>Unit Pre-Test</p> <p>Battle Creek Area Math And Science Center Kit</p> <p>Unit journal entries</p>

	<i>November</i>	<i>December</i>	<i>January</i>					
<i>Core Stamm nbvcdards</i>			<u>Lesson 1</u>	<u>Lesson 2</u>	<u>Lesson 3</u>	<u>Lesson 4</u>	<u>Lesson 5</u>	
			S.IP.01.16	S.IP.01.16	S.IP.01.14	S.IP.01.14	S.IP.01.14	
			S.IA.01.12	S.IA.01.12	S.IP.01.15	S.IP.01.15	S.IP.01.15	
			S.IA.01.14	S.IA.01.14	S.IP.01.16	S.IP.01.16	S.IA.01.12	
			E.ES.01.21	E.ES.01.21	S.IA.01.12	S.IA.01.13	S.IA.01.13	
			E.ES.01.32	E.ES.01.32	S.IA.01.13	S.IA.01.14	S.IA.01.14	
					S.IA.01.14	E.ES.01.21	S.RS.01.11	
					E.ES.01.21	E.ES.01.31	E.ES.01.21	
					E.ES.01.31	E.ES.01.32	E.ES.01.31	
					E.ES.01.32		E.ES.01.32	
				<u>Lesson 6</u>	<u>Lesson 7</u>	<u>Lesson 8</u>	<u>Lesson 9</u>	<u>Lesson 10</u>
				S.IP.01.14	S.IP.01.14	S.IP.01.14	S.IP.01.14	S.IP.01.14
				S.IP.01.15	S.IP.01.15	S.IP.01.15	S.IP.01.15	S.IP.01.15
				S.IA.01.12	S.IP.01.16	S.IA.01.12	S.IA.01.12	S.IA. 01.12
				S.IA.01.14	S.IA.01.12	S.IA.01.14	S.IA.01.14	S.IA.01.13
				S.RS.01.11	S.IA.01.14	S.RS.01.12	E.ES.01.21	S.IA.01.14
				E.ES.01.21	S.RS.01.11	E.ES.01.21	E.ES.01.31	E.ES.01.21
				S.RS.01.11	E.ES.01.21	E.ES.01.32	E.ES.01.32	E.ES.01.31
				E.ES.01.31	E.ES.01.32			E.ES.01.32
				E.ES.01.32				
				<u>Lesson 13</u>	<u>Lesson 14</u>			
				S.IP.01.14	S.IP.01.14			
				S.IP.01.15	S.IP.01.15			
				S.IP.01.16	S.IP.01.16			
				S.IA.01.12	S.IA.01.12			
				S.IA.01.14	S.IA. 01.14			
				S.RS.01.11	S.RS.01.11			
				E.ES.01.21	E.ES.01.11			
				E.ES.01.22	E.ES.01.12			
				E.ES.01.23	E.ES.01.21			
				E.ES.01.24	E.ES.01.22			
				E.ES.01.32	E.ES.01.23			
				E.ES.01.24				
				E.ES.01.32				

	<i>February</i>				<i>March</i>	<i>April</i>
<i>Content</i>	Earth Science: Weather Watchers Science Kit Cont. <u>Lessons 11</u> <ul style="list-style-type: none"> Describe the weather related to summer Describe severe weather events that occur in summer and the safety precautions that should be taken <u>Lesson 12</u> <ul style="list-style-type: none"> Describe the weather related to fall Compare the seasonal characteristics of summer with the seasonal characteristics of fall Describe severe weather events that occur in fall and the safety precautions that should be taken <u>Lesson 15</u> <ul style="list-style-type: none"> Compare weather related data (temperature, cloud cover, wind direction and speed, and precipitation) to the four seasons Use weather data collected over time to gather information <u>Lesson 16</u> <ul style="list-style-type: none"> Demonstrate the ability to describe and compare seasons through illustrations and text 				Life Science: <u>Lesson 5-chicks or ducklings</u> <ul style="list-style-type: none"> Recognize the egg as part of the life cycle of some animals 	
<i>Assessment</i>	Battle Creek Area Math And Science Center Kit Unit Post Test Battle Creek Area Math And Science Center Kit Unit journal entries				Battle Creek Area Math And Science Center Kit Unit journal entries	
<i>Core Standards</i>	<u>Lesson 11</u> S.IP.01.14 S.IP.01.15 S.IP.01.16 S.IA.01.12 S.IA.01.14 S.RS.01.11 E.ES.01.21 E.ES.01.22 E.ES.01.23 E.ES.01.24 E.ES.01.32	<u>Lesson 12</u> S.IP.01.14 S.IP.01.15 S.IP.01.16 S.IA. 01.12 S.IA.01.14 S.RS.01.11 E.ES.01.21 E.ES.01.22 E.ES.01.23 E.ES.01.24 E.ES.01.32	<u>Lesson 15</u> S.IA.01.12 S.IA.01.13 S.IA.01.14 E.ES.01.21 E.ES.01.22	<u>Lesson 16</u> S.IA.01.12 S.IA.01.13 S.IA.01.14 S.RS.01.11 E.ES.01.11 E.ES.01.12 E.ES.01.22	<u>Lesson 5</u> S.IP.01.11 S.IA.01.12 S.IA.01.13 S.IA.01.14 L.OL.01.21	

	<i>May</i>	<i>June</i>
<i>Content</i>	<p>Life Science</p> <p><u>Lessons 1</u></p> <ul style="list-style-type: none"> • Identify what students think they know about animals and what they want to learn • Make and record observations of animals in the schoolyard <p><u>Lesson 2</u></p> <ul style="list-style-type: none"> • Observe and collect animal specimens for the classroom habitat • Identify the needs of animals <p><u>Lesson 3</u></p> <ul style="list-style-type: none"> • Observe and compare animals from the schoolyard • Identify the basic needs of animals <p><u>Lesson 4</u></p> <ul style="list-style-type: none"> • Observe animal behavior and identify physical traits that help them survive <p><u>Lessons 9</u></p> <ul style="list-style-type: none"> • Describe habitats of familiar organisms <p><u>Lesson 10</u></p> <ul style="list-style-type: none"> • Identify familiar organisms as part of a food chain <p><u>Lesson 11</u></p> <ul style="list-style-type: none"> • Identify characteristics of animals that help them to survive <p><u>Lessons 14</u></p> <ul style="list-style-type: none"> • Classify baby animals with their parent(s) <p><u>Lesson 15</u></p> <ul style="list-style-type: none"> • Compare the needs of humans with the needs of other animals 	
<i>Assessment</i>	<p>Battle Creek Area Math And Science Center Kit</p> <p>Unit Post Test</p> <p>Battle Creek Area Math And Science Center Kit</p> <p>Unit journal entries</p>	

	<i>May</i>					<i>June</i>
<i>Core Standards</i>	<u>Lesson 1</u>	<u>Lesson 2</u>	<u>Lesson 3</u>	<u>Lesson 4</u>	<u>Lesson 9</u>	
	S.IP.01.11	S.IP.01.11	S.IP.01.11	S.IP.01.11	S.IP.01.11	
	S.IP.01.12	S.IP.01.12	S.IP.01.12	S.IP.01.16	S.IA.01.12	
	S.IP.01.14	S.IP.01.13	S.IP.01.14	S.IA.01.12	S.IA.01.13	
	S.IA.01.12	S.IP.01.14	S.IA.01.12	S.IA.01.14	S.IA.01.14	
	S.IA.01.14	S.IA.01.12	S.IA.01.13	L.OL.01.13	L.OL.01.13	
	L.OL.01.13	L.OL.01.13	L.OL.01.13	ATLAS	ATLAS	
	ATLAS	ATLAS	ATLAS			
	<u>Lesson 10</u>	<u>Lesson 11</u>	<u>Lesson 14</u>	<u>Lesson 15</u>		
	S.IP.01.11	S.IP.01.11	S.IP.01.11	S.IP.01.11		
	S.IA.01.12	S.IP.01.16	S.IA.01.14	S.IP.01.16		
	L.OL.01.13	S.IA.01.12	L.OL.01.21	S.IA.01.12		
		ATLAS	L.HE.01.11	S.IA.01.13		
			L.HE.01.12	L.OL.01.13		
				L.HE.01.11		
			L.HE.01.12			