

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Aug 21	<p align="center"><b>Science Safety, Notebooks, &amp; Observations/Inferences (10 days)</b></p> <p>Sign safety contracts and setup science notebooks            Mini labs to intro process skills            Conservation/recycling            Introduce testing one variable – guided exp. Design            Introduce graphing</p>				
Aug 28	<p align="center"><b>Observations/Inferences/Experimental design (10 days)</b></p> <p>Mini labs to intro process skills            Introduce testing one variable – guided exp. Design            Introduce graphing</p>				
Sept 5	<p align="center"><b>Physical Properties of Matter (19 days)</b></p> <p>Classify matter based on physical properties            Identify properties of water – boiling/freezing/melting points            Mixtures maintain physical properties            Identify physical property changes of solutions            Conservation/recycling            Direct/indirect evidence            Verbal/written conclusions            Construct graphs, tables, charts, and maps using technology</p>				

<b>Sept 11</b>	<p style="text-align: center;"><b>Physical Properties of Matter (19 days)</b></p> <p>Classify matter based on physical properties  Identify properties of water – boiling/freezing/melting points  Mixtures maintain physical properties  Identify physical property changes of solutions  Conservation/recycling  Direct/indirect evidence  Verbal/written conclusions  Construct graphs, tables, charts, and maps using technology</p>
<b>Sept 18</b>	<p style="text-align: center;"><b>Physical Properties of Matter (19 days)</b></p> <p>Classify matter based on physical properties  Identify properties of water – boiling/freezing/melting points  Mixtures maintain physical properties  Identify physical property changes of solutions  Conservation/recycling  Direct/indirect evidence  Verbal/written conclusions  Construct graphs, tables, charts, and maps using technology</p>
<b>Sept 25</b>	<p style="text-align: center;"><b>Physical Properties of Matter (19 days)</b></p> <p>Classify matter based on physical properties  Identify properties of water – boiling/freezing/melting points  Mixtures maintain physical properties  Identify physical property changes of solutions  Conservation/recycling  Direct/indirect evidence  Verbal/written conclusions  Construct graphs, tables, charts, and maps using technology</p>

<b>Week of</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Oct 2</b>	<b>Forces (10 days)</b>				
	Test the effect of force on an object Accurate observation/measuring Repeated investigations = reliable results Verbal/written conclusions Construct graphs, tables, charts, and maps using technology				
<b>Oct 9</b>	<b>Forces (10 days)</b>				
	Test the effect of force on an object Accurate observation/measuring Repeated investigations = reliable results Verbal/written conclusions Construct graphs, tables, charts, and maps using technology				
<b>Oct 16</b>	<b>Forms of Energy (15 days)</b>				
	Uses of mechanical, light, thermal, electrical, and sound energy Circuits can produce sound, heat, and light Properties of light				
<b>Oct 23</b>	<b>Forms of Energy (15 days)</b>				
	Uses of mechanical, light, thermal, electrical, and sound energy Circuits can produce sound, heat, and light Properties of light				
<b>Oct 30</b>	<b>Forms of Energy (15 days)</b>				
	Uses of mechanical, light, thermal, electrical, and sound energy Circuits can produce sound, heat, and light Properties of light				

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Nov 6	<p style="text-align: center;"><b>Sun, Earth, and Moon Systems (15 days)</b></p> <p>Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data</p>				
Nov 13	<p style="text-align: center;"><b>Sun, Earth, and Moon Systems (15 days)</b></p> <p>Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data</p>				
Nov 20	<p style="font-size: 1.2em;">Thanksgiving Holidays</p>				
Nov 27	<p style="text-align: center;"><b>Sun, Earth, and Moon Systems (15 days)</b></p> <p>Earth's rotation Physical characteristics of Sun, Earth, and Moon Direct/indirect evidence Tables, graph, charts to evaluate data</p>				

5TH GRADE SCIENCE

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Dec 4	<p align="center"><b>Patterns in the Natural World (5 days)</b></p> <p>Differentiate between weather and climate                      How sun and ocean interact in water cycle                      Observations and measuring Direct/indirect evidence</p>				
Dec 11	<p align="center"><b>Milestone / Spiral Review / Project Based Learning (8 days)</b></p>				
Dec 18	<p align="center"><b>Milestone / Spiral Review / Project Based Learning (8 days)</b></p>				
Dec 25	<p align="center"><b>Christmas / Winter Break</b></p>				

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Jan 1	Christmas / Winter Break				
Jan 9	<b>Energy Resources (18 days)</b>				
	Processes that led to sedimentary rock and fossil fuels Alternative energy resources Evaluate accuracy of promotional products and services				
Jan 16	<b>Energy Resources (18 days)</b>				
	Processes that led to sedimentary rock and fossil fuels Alternative energy resources Evaluate accuracy of promotional products and services				
Jan 22	<b>Energy Resources (18 days)</b>				
	Processes that led to sedimentary rock and fossil fuels Alternative energy resources Evaluate accuracy of promotional products and services				
Jan 29	<b>Energy Resources (18 days)</b>				
	Processes that led to sedimentary rock and fossil fuels Alternative energy resources Evaluate accuracy of promotional products and services				

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Feb 5	<p style="text-align: center;"><b>Earth's Changes (14 days)</b></p> <p>Changes by ice, wind, water result in changes to the Earth            Fossils as evidence of past organisms/nature of past environments using models            Analyze, evaluate, and critique, science explanations - empirical evidence, logical reasoning, critical thinking,            Models of how something works that cannot be seen</p>				
Feb 12	<p style="text-align: center;"><b>Earth's Changes (14 days)</b></p> <p>Changes by ice, wind, water result in changes to the Earth            Fossils as evidence of past organisms/nature of past environments using models            Analyze, evaluate, and critique, science explanations - empirical evidence, logical reasoning, critical thinking,            Models of how something works that cannot be seen</p>				
Feb 20	<p><b>Staff Development Day</b></p>	<p style="text-align: center;"><b>Earth's Changes (14 days)</b></p> <p>Changes by ice, wind, water result in changes to the Earth            Fossils as evidence of past organisms/nature of past environments using models            Analyze, evaluate, and critique, science explanations - empirical evidence, logical            reasoning, critical thinking,            Models of how something works that cannot be seen</p>			
Feb 26	<p style="text-align: center;"><b>Ecosystem Interactions (15 days)</b></p> <p>Living organisms interact with living/nonliving components            Flow of energy in living systems            Effects of changes in an ecosystem            Carbon dioxide/oxygen cycle</p>				

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Mar 5	<b>Ecosystem Interactions (15 days)</b>				
	Living organisms interact with living/nonliving components Flow of energy in living systems Effects of changes in an ecosystem Carbon dioxide/oxygen cycle				
Mar 12	<b>Spring Break</b>				
Mar 19	<b>Ecosystem Interactions (15 days)</b>				
	Living organisms interact with living/nonliving components Flow of energy in living systems Effects of changes in an ecosystem Carbon dioxide/oxygen cycle				
Mar 26	<b>Life Cycles (4 days)</b>				
	Differentiate between complete and incomplete metamorphosis of insects Direct/indirect evidence Valid conclusions written and verbal				



Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Apr 2	<p style="text-align: center;"><b>Inherited Traits and Learned Behavior (10 days)</b></p> <p>Compare structures and functions of different species for survival            Differentiate between inherited traits of plants            Differentiate between inherited traits of animals</p>				
Apr 9	<p style="text-align: center;"><b>Inherited Traits and Learned Behavior (10 days)</b></p> <p>Compare structures and functions of different species for survival            Differentiate between inherited traits of plants            Differentiate between inherited traits of animals</p>				
Apr 16	<p style="text-align: center;"><b>Spiral review (15 days)</b></p>				
Apr 23	<p style="text-align: center;"><b>Spiral review (15 days)</b></p>				

5TH GRADE SCIENCE

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Apr 30	<b>Spiral Review (15 days)</b>				
May 7	<b>Testing</b>				
May 14	<b>Designing Solutions</b>				
May 21	<b>Designing Solutions</b>				