

4TH GRADE SCIENCE

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Aug 21	<p align="center"><b>Science Safety, Notebooks, &amp; Observations/Inferences (5 days)</b></p> <p>Sign safety contracts and setup science notebooks                      Mini labs to intro process skills                      Conservation/recycling                      Guided descriptive investigations                      Introduce graphing</p>				
Aug 28	<p align="center"><b>Physical Properties of Matter (19 days)</b></p> <p>Measure, compare, and contrast physical properties                      Predict changes caused by heating and cooling</p>				
Sept 5	<b>Labor Day</b>	<p align="center"><b>Physical Properties of Matter (19 days)</b></p> <p>Measure, compare, and contrast physical properties                      Predict changes caused by heating and cooling</p>			
Sept 11	<p align="center"><b>Physical Properties of Matter (19 days)</b></p> <p>Measure, compare, and contrast physical properties                      Predict changes caused by heating and cooling</p>				
Sept 18	<p align="center"><b>Physical Properties of Matter (19 days)</b></p> <p>Measure, compare, and contrast physical properties                      Predict changes caused by heating and cooling</p>				

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Sept 25	<b>Mixtures and Solutions (5 days)</b>				
	Compare and contrast mixtures and solutions				
Oct 2	<b>Force, Motion, and Energy (25 days)</b>				
	Differentiate forms of energy Differentiate conductors and insulators Circuits/electromagnet fields Forces on objects (pushes/pulls, gravity, friction, magnetism)				
Oct 9	<b>Force, Motion, and Energy (25 days)</b>				
	Differentiate forms of energy Differentiate conductors and insulators Circuits/electromagnet fields Forces on objects (pushes/pulls, gravity, friction, magnetism)				
Oct 16	<b>Force, Motion, and Energy (25 days)</b>				
	Differentiate forms of energy Differentiate conductors and insulators Circuits/electromagnet fields Forces on objects (pushes/pulls, gravity, friction, magnetism)				
Oct 23	<b>Force, Motion, and Energy (25 days)</b>				
	Differentiate forms of energy Differentiate conductors and insulators Circuits/electromagnet fields Forces on objects (pushes/pulls, gravity, friction, magnetism)				

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Oct 30	<p style="text-align: center;"><b>Force, Motion, and Energy (25 days)</b></p> <p>Differentiate forms of energy                      Differentiate conductors and insulators                      Circuits/electromagnet fields                      Forces on objects (pushes/pulls, gravity, friction, magnetism)</p>				
Nov 6	<p style="text-align: center;"><b>Natural Resources (10 days)</b></p> <p>Classify renewable and nonrenewable resources</p>				
Nov 13	<p style="text-align: center;"><b>Natural Resources (10 days)</b></p> <p>Classify renewable and nonrenewable resources</p>				
Nov 20	<p style="font-size: 2em; margin: 0;"><b>Thanksgiving</b></p>				
Nov. 27	<p style="text-align: center;"><b>The Changing Earth (19 days)</b></p> <p>Properties of soil                      Slow changes to Earth's surface</p>				

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Dec 4	<p style="text-align: center;"><b>The Changing Earth (19 days)</b></p> <p>Properties of soil Slow changes to Earth's surface</p>				
Dec 11	<p style="text-align: center;"><b>The Changing Earth (19 days)</b></p> <p>Properties of soil Slow changes to Earth's surface</p>				
Dec 18	<p style="text-align: center;"><b>The Changing Earth (19 days)</b></p> <p>Properties of soil Slow changes to Earth's surface</p>				
Dec 25	<p>Christmas / Winter Break</p>				

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Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Jan 1	Christmas / Winter Break				
Jan 9	<b>Patterns of the Earth (18 days)</b>				
	Measure and record changes in weather/weather maps Water cycle, role of Sun Collect and analyze data to identify sequences and patterns in shadows, tides, seasons, and moon				
Jan 16	MLK Day No school	<b>Patterns of the Earth (18 days)</b>			
		Measure and record changes in weather/weather maps Water cycle, role of Sun Collect and analyze data to identify sequences and patterns in shadows, tides, seasons, and moon			
Jan 22	<b>Patterns of the Earth (18 days)</b>				
	Measure and record changes in weather/weather maps Water cycle, role of Sun Collect and analyze data to identify sequences and patterns in shadows, tides, seasons, and moon				
Jan 29	<b>Patterns of the Earth (18 days)</b>				
	Measure and record changes in weather/weather maps Water cycle, role of Sun Collect and analyze data to identify sequences and patterns in shadows, tides, seasons, and moon				

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Feb 5	<p style="text-align: center;"><b>Energy Flow in Living Systems (19 days)</b></p> Producers/consumers food webs				
Feb 12	<p style="text-align: center;"><b>Energy Flow in Living Systems (19 days)</b></p> Producers/consumers food webs				
Feb 20	<p><b>Staff Development Day</b></p>	<p style="text-align: center;"><b>Energy Flow in Living Systems (19 days)</b></p> Producers/consumers food webs			
Feb 26	<p style="text-align: center;"><b>Energy Flow in Living Systems (19 days)</b></p> Producers/consumers food webs				

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Mar 5	<p style="text-align: center;"><b>Life Cycles of Living Organisms (14 days)</b></p> <p>Explore, illustrate, and compare life cycles</p>				
Mar 12	<h1>Spring Break</h1>				
Mar 19	<p style="text-align: center;"><b>Life Cycles of Living Organisms (14 days)</b></p> <p>Explore, illustrate, and compare life cycles</p>				
Mar 26	<p style="text-align: center;"><b>Life Cycles of Living Organisms (14 days)</b></p> <p>Explore, illustrate, and compare life cycles</p>				<p><b>No School – Good Friday</b></p>

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Apr 2	<p style="text-align: center;"><b>Adaptations for Survival (20 days)</b></p> <p>Adaptations enable survival Compare bird beaks Compare leaves on plants</p>				
Apr 9	<p style="text-align: center;"><b>Adaptations for Survival (20 days)</b></p> <p>Adaptations enable survival Compare bird beaks Compare leaves on plants</p>				
Apr 16	<p style="text-align: center;"><b>Adaptations for Survival (20 days)</b></p> <p>Adaptations enable survival Compare bird beaks Compare leaves on plants</p>				
Apr 23	<p style="text-align: center;"><b>Adaptations for Survival (20 days)</b></p> <p>Adaptations enable survival Compare bird beaks Compare leaves on plants</p>				



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Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Apr 30	<p style="text-align: center;"><b>Traits (15 days)</b></p> <p>Inherited traits/learned behaviors</p>				
May 7	<p style="text-align: center;"><b>Traits (15 days)</b></p> <p>Inherited traits/learned behaviors</p>				
May 14	<p style="text-align: center;"><b>Traits (15 days)</b></p> <p>Inherited traits/learned behaviors</p>				
May 21					
May 28					

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	Monday	Tuesday	Wednesday	Thursday	Friday
			<b>End of 4<sup>th</sup> Nine Weeks</b> Final Exams Early dismissal Last Day of School	Staff Development	Staff Development