

# 8th Grade Science Pacing Guide

Suggested Pacing for McDougal Littell, *Focus on Physical Science*

Week	Chapters	Topic	Class Support
8/14	<i>Intro to Physical Science: read CA11-CA29</i>		
8/21	<i>1: Motion</i>	The motion of an object can be described & predicted	
8/28			
9/4			
9/11	<i>2: Forces</i>	Forces change the motion of objects in predictable ways	<b>PM Sci 9/11</b>
9/18			<b>T3 9/21</b>
9/25	<i>3: Gravity, Elastic Forces &amp; Friction</i>	Newton's Laws apply to all forces	<b>PM Sci 9/25</b>
10/2			<b>PM Sci 10/2</b>
10/9			<b>PM Sci 10/9</b>
10/16	<i>4: Density &amp; Buoyancy</i>	Forces act in fluids	<b>T3 10/19</b>
10/23			<b>PM Sci 10/23</b>
10/30			<b>PM Sci 10/30</b>
11/6	<i>5: Properties of Matter</i>	Matter is made up of atoms & has observable properties	<b>PM Sci 11/6</b>
11/13			<b>T3 11/16</b>
11/27	<i>6: States of Matter</i>	Particles of matter are in constant motion	<b>PM Sci 11/27</b>
12/4			<b>PM Sci 12/4</b>
12/11	<i>7: Atomic Structure &amp; the Periodic Table</i>	A substance's atomic structure determines its physical and chemical properties	<b>PM Sci 12/11</b>
12/18			
1/8			
1/15	<i>8: Chemical Bonds &amp; Compounds</i>	The properties of compounds depend on their atoms & chemical bonds	
1/22			<b>T3 1/25</b>
1/29			<b>PM Sci 1/29</b>
2/5	<i>9: Chemical Reactions</i>	Chemical reactions form new substances by breaking and making chemical bonds	<b>PM Sci 2/5</b>
2/12			<b>PM Sci 2/12</b>
2/19	<i>10: Solutions</i>	When substances dissolve to form a solution, the properties of the mixture change	<b>T3 2/22</b>
2/26			
3/5	<i>11: Chemistry of Living Systems</i>	Carbon & other elements are essential to living things	<b>PM Sci 3/5</b>
3/12			<b>T3 3/15</b>
3/19			<b>PM Sci 3/19</b>
3/26	<i>12: Earth, Moon, Sun</i>	Earth & the Moon move in predictable ways	<b>PM Sci 3/26</b>
4/9			
4/16	<i>13: Our Solar System</i>	Planets & other objects form a system around our Sun	
4/23			
4/30			
5/7-5/21	<i>14: Stars, Galaxies &amp; the Universe</i>	Our Sun is one of billions of stars in one of billions of galaxies in the universe	<b>5/25 last day of school</b>