

# 8th Grade Science Pacing Guide

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

Week	Chapters	Topic	Class Support
8/15	<i>Intro to Physical Science: read CA11-CA29</i>		
8/22	<i>1: Motion</i>	The motion of an object can be described & predicted	
8/29			
9/5			
9/12	<i>2: Forces</i>	Forces change the motion of objects in predictable ways	<b>PM Sci 9/12</b>
9/19			<b>T3 9/22</b>
9/26	<i>3: Gravity, Elastic Forces &amp; Friction</i>	Newton's Laws apply to all forces	<b>PM Sci 9/26</b>
10/3			<b>PM Sci 10/3</b>
10/10			<b>PM Sci 10/10</b>
10/17	<i>4: Density &amp; Buoyancy</i>	Forces act in fluids	<b>T3 10/20</b>
10/24			<b>PM Sci 10/24</b>
10/31			<b>PM Sci 10/31</b>
11/7	<i>5: Properties of Matter</i>	Matter is made up of atoms & has observable properties	<b>PM Sci 11/7</b>
11/14			<b>T3 11/17</b>
11/28	<i>6: States of Matter</i>	Particles of matter are in constant motion	<b>PM Sci 11/28</b>
12/5			<b>PM Sci 12/5</b>
12/12	<i>7: Atomic Structure &amp; the Periodic Table</i>	A substance's atomic structure determines its physical and chemical properties	<b>PM Sci 12/12</b>
12/19			
1/9			<b>PM Sci 1/9</b>
1/16	<i>8: Chemical Bonds &amp; Compounds</i>	The properties of compounds depend on their atoms & chemical bonds	
1/23			<b>T3 1/26</b>
1/30			<b>PM Sci 1/30</b>
2/6	<i>9: Chemical Reactions</i>	Chemical reactions form new substances by breaking and making chemical bonds	<b>PM Sci 2/6</b>
2/13			<b>PM Sci 2/13</b>
2/20	<i>10: Solutions</i>	When substances dissolve to form a solution, the properties of the mixture change	<b>T3 2/23</b>
2/27			
3/6	<i>11: Chemistry of Living Systems</i>	Carbon & other elements are essential to living things	<b>PM Sci 3/6</b>
3/13			<b>PM Sci 3/13</b>
3/20			<b>T3 3/23</b>
3/27	<i>12: Earth, Moon, Sun</i>	Earth & the Moon move in predictable ways	<b>PM Sci 3/27</b>
4/3			
4/10	<i>13: Our Solar System</i>	Planets & other objects form a system around our Sun	
4/24			
5/1			
5/8-5/22	<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>5/26 last day of school</b>