

8th Grade Science Pacing Guide

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

Week	Chapters	Topic	Class Support
8/13	<i>Intro to Physical Science: read CA11-CA29</i>		
8/20	<i>1: Motion</i>	The motion of an object can be described & predicted	
8/27			
9/3			
9/10	<i>2: Forces</i>	Forces change the motion of objects in predictable ways	PM Sci 9/10
9/17			T3 9/20
9/24	<i>3: Gravity, Elastic Forces & Friction</i>	Newton's Laws apply to all forces	PM Sci 9/24
10/1			PM Sci 10/1
10/8			PM Sci 10/8
10/15	<i>4: Density & Buoyancy</i>	Forces act in fluids	T3 10/18
10/22			PM Sci 10/22
10/29			PM Sci 10/29
11/5	<i>5: Properties of Matter</i>	Matter is made up of atoms & has observable properties	PM Sci 11/5
11/12			T3 11/15
11/26	<i>6: States of Matter</i>	Particles of matter are in constant motion	
12/3			PM Sci 12/3
12/10	<i>7: Atomic Structure & the Periodic Table</i>	A substance's atomic structure determines its physical and chemical properties	PM Sci 12/10
12/17			
1/7			PM Sci 1/7
1/14	<i>8: Chemical Bonds & Compounds</i>	The properties of compounds depend on their atoms & chemical bonds	PM Sci 1/14
1/21			T3 1/24
1/28			
2/4	<i>9: Chemical Reactions</i>	Chemical reactions form new substances by breaking and making chemical bonds	PM Sci 2/4
2/11			PM Sci 2/11
2/18	<i>10: Solutions</i>	When substances dissolve to form a solution, the properties of the mixture change	T3 2/21
2/25			
3/4	<i>11: Chemistry of Living Systems</i>	Carbon & other elements are essential to living things	PM Sci 3/4
3/11			PM Sci 3/11
3/18			T3 3/21
3/25	<i>12: Earth, Moon, Sun</i>	Earth & the Moon move in predictable ways	PM Sci 3/25
4/1			
4/8	<i>13: Our Solar System</i>	Planets & other objects form a system around our Sun	
4/15			
4/22			
4/29-5/27	<i>14: Stars, Galaxies & the Universe</i>	Our Sun is one of billions of stars in one of billions of galaxies in the universe	5/30 last day of school