

Pacing Guide for 8th Grade, 2014-2015

Suggested Pacing for McDougal Littell *Focus on Physical Science* (8th Grade)

Week of...	Unit	Chapters	Big Idea	Class Support
8/18		<i>Intro to Physical Science:</i> (Read in text: CA11 – CA29)		
8/25		(Measurement Packet available online or from your EC.)		
9/1	One: <i>Motion and Forces</i>	<i>1: Motion</i>	The motion of an object can be described and predicted.	PM Science
9/8		<i>2: Forces</i>	Forces change the motion of objects in predictable ways.	PM Science/ T3 (9/18)
9/15				PM Science
9/22		<i>3: Gravity, Elastic Forces, and Friction.</i>	Newton's laws apply to all forces.	
9/29				PM Science
10/6				PM Science
10/13				PM Science/ T3 (10/23)
10/20		<i>4: Density and Buoyancy</i>	Forces act in fluids.	
10/27				
11/3				PM Science
11/10	Two: <i>The Structure of Matter</i>	<i>5: Properties of Matter</i>	Matter is made up of atoms and has observable properties	PM Science
11/17		<i>6: States of Matter</i>	Particles of matter are in constant motion.	PM Science/ T3 (11/20)
11/24				
12/1		<i>7: Atomic Structure and the Periodic Table</i>	A substance's atomic structure determines its physical and chemical properties.	PM Science
12/8				PM Science
12/15				PM Science
1/5				
1/12	Three: <i>Chemical Interactions</i>	<i>8: Chemical Bonds and Compounds</i>	The properties of compounds depend on their atoms and chemical bonds	T3 (1/22)
1/19				PM Science
1/26				PM Science
2/2		<i>9: Chemical Reactions</i>	Chemical reactions form new substances by breaking and making chemical bonds.	PM Science
2/9				PM Science
2/16		<i>10: Solutions</i>	When substances dissolve to form a solution, the properties of the mixture change.	T3 (2/19)
2/23				
3/2		<i>11: Chemistry of Living Systems</i>	Carbon and other elements are essential to living things.	PM Science
3/9				PM Science
3/16	PM Science/ T3 (3/19)			
3/23	Four: <i>Space Science</i>	<i>12: Earth, Moon, Sun</i>	Earth and the Moon move in predictable ways.	
3/30		<i>13: Our Solar System</i>	Planets and other objects form a system around our Sun.	
4/13				
4/20				
4/27		<i>14: Stars, Galaxies, and the Universe</i>	Our Sun is one of billions of stars in one of billions of galaxies in the universe.	
5/4				
5/11				
5/18				
5/25		<i>Happy Graduation! Celebrate!</i>		

☉ **Class Support Note:** *Themed Third Thursdays (T3)*, cross curricular History/Science sessions, as well as *Monday PM* classes, require registration..