

7th Grade Scope & Sequence			(average 40 days/9 weeks)	
Topic	SPI	Text Chapters	Labs & Activities	Length (approx)
1st 9 Weeks				
Intro to Science		C1 all	Dry Ice Intro Inquiry Activity (Teacher)	5 days
** Measurement, Graphs, Tables, etc		Teacher Sup	Sweat is Cool Intro Lab (Probeware 4)	
Cell Types	SPI 0707.1.1	C2 S1	Wet Mount of Hair Lab (Teacher)	4 days
(Including Cell Theory)		C2 S2	Cheek Cell Lab (Teacher)	
		Teacher Sup (a lot!)		
Cell Structure & Organelles	SPI 0707.1.1	C2 S1		10 days
		Teacher Sup		
Biological Organization	SPI 0707.1.2	C2 S1		3 days
(Cell to Organism)	SPI 0707.1.3	Teacher Sup		
Diffusion & Transport	SPI 0707.1.5	C3 S2	Size Limits of Cells (Probeware 1)	4 days
			Diffusion: How Fast? (Probeware - Vernier MS)	
Photosynthesis & Cellular Respiration	SPI 0707.3.1	C3 S3		3 days
	SPI 0707.3.2	Teacher Sup		
Mitosis	SPI 0707.1.4	C6 S1		3 days
Asexual Reproduction	SPI 0707.4.1	C6 S1		1 day
		Teacher Sup		
Sexual Reproduction/Meiosis	SPI 0707.4.1	C6 S2		3 days
	SPI 0707.4.3			
2nd 9 Weeks				
DNA	SPI 0707.4.1	C6 S3	DNA Extraction Lab (Teacher)	5 days
	SPI 0707.4.3			
Flowers & Reproduction	SPI 0707.4.2	C7 all	Flower Dissection Lab (Teacher)	5 days
(Include pollination)				
Genetics	SPI 0707.4.3	C8 S1, S2	Radiation & Effects on Seeds (Inquiry 5)	10 days
	SPI 0707.4.4	C8 S3 (not an SPI)		

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Minerals	SPI 0707.7.1	C9 S1 Teacher Sup	Mineral Identification Lab (Teacher)	4 days
Rock Types/Rock Cycle	SPI 0707.7.2 SPI 0707.7.3	C9 S2, S3	Water Hardness Study (Probeware - Vernier MS)	8 days
Layers of the Earth	SPI 0707.7.4	Teacher Sup		2 days
3rd 9 Weeks				
Continental Drift/Sea-Floor Spreading/ Plate Tectonics	SPI 0707.7.5	C10 all	Measuring Earthquakes (Probeware 8)	12 days
	SPI 0707.7.6	C11 all	Ocean Floor Mapping (Probeware - Vernier MS)	
Resources & the Impact of Man	SPI 0707.7.7	C12 all Teacher sup		2 days
Motion	SPI 0707.11.3	C13 S1, S2	How Fast Do You Walk (Probeware 11)	5 days
Newton's Laws of Motion	SPI 0707.11.4	C13 S3		5 days
Work	SPI 0707.11.2	C14 S1		2 days
Mechanical Advantage	SPI 0707.11.2	C14 S2		2 days
Simple Machines	SPI 0707.11.1 SPI 0707.11.2	C14 S3	First Class Levers (Probeware - Vernier MS)	5 days
Transverse & Longitudinal Waves	SPI 0707.11.6	C15 S1	Distance v. Light Intensity (Probeware 10)	2 days
Parts of a Wave	SPI 0707.11.5	C15 S2		4 days
** Inquiry standards will be incorporated into the Intro to Science Section as well as throughout the year.				
** Techonology and Engineering standards will be incorporated into lessons throughout the year.				