

8th Grade Scope & Sequence			(average 40 days/9 weeks)	
Title	SPI	Text Chapters	Labs & Activities	Length (approx)
1st 9 Weeks				
Intro to Science		C1 S1	Dry Ice Intro Inquiry Activity (teacher)	5 days
** Measurement, Graphs, Tables, etc		C4	or Other Intro Inquiry Activity	
		Teacher Sup	Sweat is Cool (Probeware 4) - intro lab	
			or Transforming Energy (Probeware 12) - intro lab	
Intro to Life		C1 S2 & S3		2 days
Classification	SPI 0807.5.1	C1 S4	Dichotomous Key/Classification Lab (teacher)	5 days
			It's a Small World (Inquiry 1)	
Adaptation & Variation	SPI 0807.5.2	C2 S1	Formation of Caves (Probeware 7)	10 days
	SPI 0807.5.3	C2 S1	Radiation & Effects on Seeds (Inquiry 5)	
Fossils	SPI 0807.5.5	C2 S2	Investigating Diatomite (Inquiry 10)	2-3 days
Biodiversity	SPI 0807.5.4	C3 all	Biodiversity & Ecosystems (Probeware 5)	8 days
2nd 9 Weeks				
Phys/Chem Properties & Changes	SPI 0807.9.2	C5 all		5 days
	SPI 0807.9.8			
Types of Matter / Changes of State	SPI 0807.9.1	C6 S1 & S2		4 days
	SPI 0807.9.6			
Density & the Behavior of Matter	SPI 0807.9.7	C6 S3	Density Lab (teacher made)	3 days
Inside the Atom	SPI 0807.9.1	C7 all		5 days
Periodic Table	SPI 0807.9.9	C8 all	Thermal Conductivity (Probeware 14)	5 days
			Identifying Metals & Nonmetals (Inquiry 13)	

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Atomic Structure & Chemical Bonds	SPI 0807.9.3	C9 all (streamlined)		5 days
Chemical Reactions	SPI 0807.9.10 SPI 0807.9.11 SPI 0807.9.8 (rev)	C10 all	Endothermic v. Exothermic (Probeware 13) Chemical Reactions Activity & MiniLab (Probeware Teacher Made)	9 days
3rd 9 Weeks				
Substances, Mixtures & Solubility	SPI 0807.9.4	C11 S1 & S2		4 days
Acids & Bases	SPI 0807.9.12	C11 S3	Investigating pH Lab (Probeware - teacher made)	4 days
Chemical Makeup of Atmosphere	SPI 0807.9.5	Teacher Sup	Effect of Acid Rain on Limestone (Probeware 6)	3 days
Mass v. Weight	SPI 0807.12.4	C4 S2		2 days
Gravity & Orbit	SPI 0807.12.5 SPI 0807.12.6	C15 S1 Teacher Sup		5 days
Magnetism	SPI 0807.12.1 SPI 0807.12.2 SPI 0807.12.3	C14 S1 & S2	Build Electromagnet & Solenoid (unknown) Intro to Magnetism (unknown) Mapping a Magnetic Field (Probeware - Vernier MS)	11 days
** Inquiry standards will be incorporated into the Intro to Science Section as well as throughout the year.				
** Technology and Engineering standards will be incorporated into lessons throughout the year.				