

# Physical Science Course Outline

2008 - 2009

Month	Date	Reading Assignment	Lab / Class Activity
Sep.	8	Chapter 1: Intro to Physical Science	Lab 1: Coin Operated (Lab Book, p. 698)
	15	Chapter 2: The Properties of Matter	Lab 2: White Before Your Eyes (Chap Lab, p. 56)
	22	Chapter 3: States of Matter	Lab 3: Full of Hot Air (Lab Book, p. 704)
	29	Chapter 4: Elements, Compounds, and Mixtures	Lab 4: Sugar Cube Race (Lab Book, p. 706)
Oct.	6	Chapter 11: The Atom	Lab 11: made to Order (Chap Lab 11, p. 326)
	13	Chapter 12: The Periodic Table	Lab 12: Create a Periodic Table (Chap Lab 12, p. 352)
	20	Chapter 13: Chemical Bonding	Lab 13: DSM 5
	27	Chapter 14.1-14.2: Chemical Reactions I	Lab 14a: Putting Elements Together (Lab Book, p. 728)
Nov.	3	Chapter 14.3-14.4: Chemical Reactions II	Lab 14b: Speed Control (Chap Lab 14, p. 408)
	10	Chapter 15.1-15.2: Chemical Compounds I	Lab 15a: DSM 6
	17	Chapter 15.3-15.4: Chemical Compounds II	Lab 15b: Cabbage Patch Indicators (Chap Lab 15, p. 438)
<b>*** Thanksgiving Break ***</b>			
Dec	1	Chapter 16: Atomic Energy	Lab 16: Domino Chain Rxn (Chap Lab 16, p. 462) / Review for Lab Exam
	8	*** Review Chapters 1-4 & 11-16 ***	*** Practical Lab Exam ***
<b>*** Semester Break ***</b>			
Feb.	23	Chapter 5: Motion & Force	Lab 5a: Detecting Acceleration (Chap Lab, p. 140)
March	2	Chapter 6: Forces in Motion	Lab 6: Quite a Reaction (Lab Book, p. 716)
	9	Chapter 7: Forces in Fluids	Lab 7: Fluids, Force, & Floating (Chap Lab, p. 198)
	16	Chapter 8.1-8.2: Work & Machines	Lab 8a: A Powerful Workout (Chap Lab, p. 230)
	23	Chapter 8.3-9.2: Energy	Lab 8b: Inclined to Move (Lab Book, p. 719)
	30	Chapter 9.3-10.1: Energy & Heat	Lab 9: Finding Energy (Chap Lab, p. 264)
April	6	Chapter 10.2-10.4: Heat	Lab 10: Feel the Heat (Chap Lab, p. 300)
<b>*** Easter Break ***</b>			
	20	Chapter 20: The Energy of Waves	Lab 20: Waves (LabBook p. 740)
	27	Chapter 21: Sound	Lab 21: Easy Listening (Chap Lab 21, p. 622) or Tuneful Tube (LabBook, p. 743)
May	4	Chapter 22: Light I	Lab 22: Absorption & Color (Lab 22)
	11	Chapter 23: Light II	Lab 23: Convex Lenses (Chap Lab p. 686) or Fiber Optic Fun (Lab You Can Eat -- CD-I
	18	*** Review Chapters 5-10 & 20-23 ***	*** Practical Lab Exam ***