Week 1—Schedule
Module 1

Date:	Day 1 1	Day 2 2	Day 3 3	Day 4 4	Day 5 5
Science					
Exploring Creation with Physical Science	pp. 1–4 (through Figure 1.1)	pp. 4–7 (mid-page)	pp. 7–11 (bottom)	pp. 11–14 (mid-page)	pp. 14–17 (mid-page)
Exploring Creation with Physical Science–CD ROM[1]	"Introduction" through Figure 1.1 in "Atoms and Molecules 2"	"Atoms and Molecules 2" (after Figure 1.1) through "Atoms and Molecules 3"	"Measurement and Units" through "Manipulating Units"	"Converting Between Units" through three "On Your Own"	"Converting Between Systems" through "Converting Between Systems 3"
Multimedia Companion CD		Related to Figure 1.2		Example 1.1	Example 1.2
On Your Own		1.1–1.2		1.3–1.5	1.6–1.8
Experiments	Perform & write-up Experiment 1.1				Perform & write-up Experiment 1.2
Vocabulary[2]	❑		❑		
Supplies[3]	**We Provide: NSK**—insulated wire; **150-35**—9-volt battery. **You Provide:** small glass, baking soda, tap water, scissors, tape (preferably electrical tape), spoon, long piece of string, large table top, cellophane tape, pencil, helper.				
Shopping/Planning List	**For next week:** **We provide: 150-35**—6 calcium carbonate tablets (such as TUMS®). **You provide:** vinegar (approx. 4 cups), water, measuring cups, 3 large glasses, spoon.				
Other Notes					

1. The "Exploring Creation with Physical Science–CD ROM" schedule is for the full course CD ROM version of the text. It is identical to the page designations given for the text, *Exploring Creation with Physical Science*. You will use either the textbook *Exploring Creation with Physical Science* or the CD ROM version. You do not need both versions to complete this course.

2. Define vocabulary terms and names found in each day's reading, then place a check in the box.

3. When supplies are listed as **"We provide:"** they are materials found in either your Science 150 Supplies Kit **(150-35)** or the Non-Consumable Supplies Kit **(NSK)**. When supplies are listed as **"You provide:"** they are materials you can generally find around your home.

Vocabulary Terms and Names

Atoms and Molecules

Atom—(p. 3) The smallest chemical unit of matter.

Molecule—(p. 4) Two or more atoms linked together to make a substance with unique properties.

The Metric System

Metric measurements—(p. 9) mass = gram; weight = Newton; distance = meter; volume = liter; time = seconds

English units of measurement—(p. 9) mass = slug; weight = pounds; distance = foot; volume = gallon; time = seconds

Milli (m)—(p. 11) 0.001 (thousandths)

Centi (c)—(p.11) 0.01 (hundredths)

Kilo (k)—(p. 11) 1,000 (thousand) ■

Week 18—Schedule
Module 9

Date:	Day 1 86	Day 2 87	Day 3 88	Day 4 89	Day 5 90
Science					
Exploring Creation with Physical Science	pp. 217–218 (mid-page)	pp. 218–220 (through 3rd full para.)	pp. 220 (4th para.) –221 (through Example 9.6)	pp. 221–223	
Exploring Creation with Physical Science–CD ROM	"Acceleration: The Rate of Change in Velocity" (para. above Example 9.5) through three "On Your Own"	"The Acceleration Due to Gravity" through "The Acceleration Due to Gravity 2" (6th para.)	"Acceleration Due to Gravity 2" (beginning with 7th para.)	Experiment 9.3 through two "On Your Own"	
Multimedia Companion CD	Example 9.5	Related to Experiment 9.2	Example 9.6		
On Your Own	9.6–9.8			9.9–9.10	
Experiments		Perform and write-up 9.2		Perform and begin writing-up 9.3	Complete any write-up for any experiments in Module 9
Vocabulary		❑	❑		
Supplies	**You Provide:** large heavy book, small (3cm 3 3 cm) piece of paper; stopwatch, ball or rock, chair or stepladder, tape measure, safety glasses.				
Other Notes					

Vocabulary Terms and Names

The Acceleration Due to Gravity

Free fall—(p. 218) The motion of an object when it is falling solely under the influence of gravity.

The Acceleration Due to Gravity 2

Air resistance—(p. 219) Friction between an object and the molecules of air through which it moves.

Acceleration due to gravity—(p. 220) 9.8 m/sec^2 in metric units and 32 ft/sec^2 in English units.

Distance equation (in free fall)—(p. 220)

$$\text{Distance} = \frac{1}{2} \cdot (\text{acceleration}) \cdot (\text{time})^2 \blacksquare$$

Week 36—Schedule
Module 16

Date:	Day 1 176	Day 2 177	Day 3 178	Day 4 179	Day 5 180
Science					
Exploring Creation with Physical Science	pp. 413–418	Study Guide p. 421 Questions #1–10; Review	Study Guide pp. 421–422 Questions #11–25; Review	Summary of Module 16 pp. 479–480; Review	Test for Module 16
Exploring Creation with Physical Science–CD ROM	"Galaxies" through "Summing It All Up"	Study Guide Questions # 1–10; Review	Study Guide Questions #11–25; Review	Summary of Module 16; Review	Test for Module 16
Multimedia Companion CD	Related to Figure 16.7				
On Your Own	16.10				
Experiments	Perform and write–up 16.1				
Vocabulary	❑				
Supplies	**We Provide: 150-35**—balloon. **You Provide:** marker.				
Other Notes					
You're All Done!					

Vocabulary Terms and Names

Galaxies

Galaxy—(p. 413) A large ensemble of stars, all interacting through the gravitational force and orbiting around a common center.

Spiral galaxy—(p. 413) A kind of galaxy that is a flat disk that has spiral arms which rotates around the center.

Lenticular galaxy—(p. 413) A kind of galaxy that is also a flat disk, but has no spiral arms.

Elliptical galaxy—(p. 413) A kind of galaxy that is not a flat disk and it has a more globular shape.

Irregular galaxy—(p. 414) A galaxy that cannot be classified as spiral, lenticular, or elliptical.

Milky Way—(p. 414) The galaxy to which our solar system belongs. It is a spiral galaxy. ■