

Labs

Skills Practice Labs

Chapter 1	Physics and Measurement	34
Chapter 2	Free-Fall Acceleration	76
Chapter 4	Force and Acceleration	152
Chapter 5	Conservation of Mechanical Energy	192
Chapter 9	Specific Heat Capacity	328
Chapter 12	Speed of Sound	440
Chapter 13	Brightness of Light	484
Chapter 14	Converging Lenses	522
Chapter 15	Diffraction	554
Chapter 16	Electrostatics	588
Chapter 17	Current and Resistance	634
Chapter 19	Magnetic Field of a Conducting Wire	702
Chapter 21	Electromagnetic Induction	746
Chapter 21	The Photoelectric Effect	784
Chapter 22	Half-Life	826

Inquiry Labs

Chapter 3	Velocity of a Projectile	116
Chapter 6	Conservation of Momentum	230
Chapter 7	Machines and Efficiency	270
Chapter 11	Simple Harmonic Motion of a Pendulum	402
Chapter 18	Resistors in Series and in Parallel	674

CBL™ Labs

Chapter 2	Free-Fall Acceleration	932
Chapter 4	Force and Acceleration	934
Chapter 9	Specific Heat Capacity	936
Chapter 12	Speed of Sound	938
Chapter 19	Magnetic Field of a Conducting Wire	940

Quick Labs

Chapter 1	Metric Prefixes	12
Chapter 2	Time Interval of Free Fall	62
Chapter 3	Projectile Motion	97
Chapter 4	Force and Changes in Motion	122
	Inertia	126
Chapter 5	Mechanical Energy	175
Chapter 6	Elastic and Inelastic Collisions	217
Chapter 7	Gravitational Field Strength	245
	Kepler's Third Law	249
	Elevator Acceleration	252
	Changing the Lever Arm	255
Chapter 9	Sensing Temperature	298
	Work and Heat	309
Chapter 10	Entropy and Probability	357
Chapter 11	Energy of a Pendulum	374
Chapter 12	Resonance	418
	A Pipe Closed at One End	425
Chapter 13	Curved Mirrors	457
	Polarization of Sunlight	473
Chapter 14	Focal Length	496
	Prescription Glasses	502
	Periscope	507
Chapter 16	Polarization	562
Chapter 17	A Voltaic Pile	600
	A Lemon Battery	610
	Energy Use in Home Appliances	620
Chapter 18	Simple Circuits	644
	Series and Parallel Circuits	652
Chapter 19	Magnetic Field of a File Cabinet	681
	Electromagnetism	685
Chapter 21	Atomic Spectra	765