

Experiment		Suggested Products
1	Motion on an Incline	Motion Detector, Dynamics Cart and Track System
2	Error Analysis	Photogate, Picket Fence
3	Newton's First Law	Motion Detector, Bumper and Launcher Kit, Friction Pad, Dynamics Cart and Track System, Photogate
4	Newton's Second Law	Photogate, Dual-Range Force Sensor, Dynamics Cart and Track System, Cart Picket Fence, Ultra Pulley Attachment, Pulley Bracket
5	Newton's Third Law	Dual-Range Force Sensor, Dynamics Cart and Track System, Bumper and Launcher Kit
6	Projectile Motion	<i>No probeware used</i>
7	Energy Storage and Transfer: Elastic Energy	Dual-Range Force Sensor, Dynamics Cart and Track System, Bumper and Launcher Kit
8	Energy Storage and Transfer: Kinetic Energy	Photogate, Dynamics Cart and Track System, Bumper and Launcher Kit, Cart Picket Fence
9	Energy Storage and Transfer: Gravitational Energy	Dynamics Cart and Track System, Bumper and Launcher Kit
10A	Impulse and Momentum (Motion Detector)	Motion Detector, Dual-Range Force Sensor, Dynamics Cart and Track System, Bumper and Launcher Kit
10B	Impulse and Momentum (Photogate)	Photogate, Dual-Range Force Sensor, Dynamics Cart and Track System, Bumper and Launcher Kit, Cart Picket Fence
11A	Momentum and Collisions (Motion Detectors)	Motion Detector, Dynamics Cart and Track System
11B	Momentum and Collisions (Photogates)	Photogate, Dynamics Cart and Track System, Cart Picket Fence
12A	Centripetal Acceleration	Photogate, Dual-Range Force Sensor, Centripetal Force Apparatus
12B	Centripetal Acceleration	Photogate, Dual-Range Force Sensor
13	Rotational Dynamics	Rotary Motion Sensor, Rotational Motion Accessory Kit

14	Conservation of Angular Momentum	Rotary Motion Sensor, Rotational Motion Accessory Kit
15	Simple Harmonic Motion: Mathematical Model	Motion Detector, Springs Set
16	Simple Harmonic Motion: Kinematics and Dynamics	Motion Detector, Dual-Range Force Sensor, Springs Set
17	Pendulum Periods	Rotary Motion Sensor, Rotational Motion Accessory Kit
18	Physical Pendulum	Rotary Motion Sensor, Rotational Motion Accessory Kit
19	Center of Mass	<i>No probeware used</i>