

PIRA 200

1A10.20	Standards of Mass	3A10.10	Simple Pendulum	5G10.20	Break a Magnet
1A10.35	Meter Stick	3A15.10	Physical Pendulum	5G20.30	Magnetic Domain Models
1A40.10	Vectors	3A20.10	Mass on a Spring	5G30.10	Paramagnetism and Diamagnetism
1A50.10	Radian	3A40.10	Cir. Motion vs. Mass on a Spring	5G50.10	Curie Point
1A60.10	Powers of Ten	3A60.10	Tacoma Narrows Film / Video	5G50.50	Meissner Effect
1C10.05	Ultrasonic Ranger and Student	3A70.20	Coupled Pendula	5H10.20	Oersted's Effect
1C10.20	PASCO Dynamics Carts	3B10.10	Pulse on a Rope	5H10.30	Magnet and Iron Filings
1C20.10	Penny and Feather	3B10.30	Shive/Bell Labs Wave Model	5H15.10	Magnetic Field Around a Wire
1C30.10	PASCO Free Fall	3B20.10	Hanging Slinky	5H15.40	Solenoid and Iron Filings
1D40.10	Throw Objects	3B22.10	Melde's Apparatus	5H20.10	Magnets and Pivot
1D50.10	Ball on a String	3B40.10	Doppler Buzzer	5H30.10	Cathode Ray Tube
1D50.40	Pail of Water, Pail of Nails	3B50.20	Moire Pattern Transparencies	5H40.10	Parallel Wires
1D60.10	Howitzer and Tunnel	3B55.10	Speaker Bar	5H40.15	Interacting Coils
1D60.20	Simultaneous Fall	3B55.40	Trombone	5H40.30	Jumping Wire
1D60.30	Monkey and Hunter	3B60.10	Beat Forks	5H50.10	Model Galvanometer
1E10.10	Bulldozer on Moving Sheet	3B60.20	Beats on Scope	5J20.10	LR Time Constant on Scope
1E10.20	Frames of Reference Film	3C20.10	Range of Hearing	5J20.20	Series or Parallel Lamps w/Inductor
1F20.10	Inertia Ball	3C30.20	DB Meter and Horn or Speaker	5K10.20	Induction Coil and Magnet
1F20.30	Tablecloth Pull	3D30.60	Kundt's Tube	5K10.30	Mutual Induction Coils with Battery
1F30.10	Persistence of Motion	3D30.70	Hoot Tubes	5K20.10	Pendulum in Big Electromagnet
1G10.10	Accelerating Air / Dynamics Cart	3D40.20	Singing Rod	5K20.25	Magnets and Tubes
1G10.40	Atwood's Machine	3D40.30	Chladni Plate	5K20.26	Faraday Repulsion Coil
1H10.10	Push Me Pull Me Carts	3D40.55	Shattering Goblet	5K30.20	Dissectible Transformer
1J10.10	Map of State			5K40.40	Motor / Generator
1J11.20	Tower of Lire	4A30.10	Bimetallic Strip	5L20.20	RLC Resonance
1J20.10	Bowling Ball Stability	4A30.20	Ball and Ring	5N10.80	EM Vectors
1J20.11	Balance the Cone	4A40.30	Smashing Rose and Tube	5N20.10	Tesla Coil / Induction Coil
1J30.10	Suspended Block	4B20.10	Convection Tube	5N30.10	Projected Spectrum w/ Prism
1J30.25	Rope and Three Students	4B30.21	Conduction Rods		
1J40.10	Grip Bar	4B40.10	Light the Match	6A01.10	Speed of Light
1J40.20	Torque Beam	4B50.25	Heating a Water Balloon	6A20.10	Concave and Convex Mirrors
1K10.20	Ladder Against a Wall	4B60.10	Dropping Lead Shot	6A40.30	Disappearing Beaker
1K10.30	Walking the Spool	4B70.20	Expansion Cloud Chamber	6A42.20	Big Plastic Refraction Tank
1K20.10	Friction Blocks - Surface Materials	4C30.10	Boiling by Cooling	6A44.10	Blackboard Optics
1K20.30	Static vs. Sliding Friction	4C31.30	Drinking Bird	6A44.40	Laser and Fiber Optics
1L10.10	Cavendish Balance Video	4D10.10	Brownian Motion Cell	6A60.30	Projected Filament w/ Lens
1L20.10	Gravitational Wells	4D20.10	Crookes' Radiometer	6B10.15	Inverse Square Model
1M10.20	Pile Driver	4D30.20	Molecular Motion Demonstrator	6C10.10	Single Slit and Laser
1M20.10	Pulleys	4E10.20	Balloon in LN ₂	6D10.10	Double Slits and Laser
1M40.10	Nose Basher	4E30.10	Constant Volume Bulb	6D20.10	Number of Slits
1M40.15	Stopped Pendulum	4F30.10	Stirling Engine	6D30.10	Newton's Rings
1M40.20	Loop the Loop			6D30.20	Soap Film Interference
1N10.20	Egg in a Sheet	5A10.10	Rods and Fur	6D40.10	Michelson Interferometer
1N20.20	Spring Apart Carts	5A20.10	Rods and Pivot	6F40.10	Sunset
1N21.10	Carts and Medicine Ball	5A22.25	Soft Drink Can Electroscope	6H10.10	Polaroids on the Overhead
1N22.10	Fire Extinguisher Rocket	5A40.10	Charging by Induction	6H10.20	Microwave Polarization
1N22.20	Water Rocket	5A40.20	Charge Propelled Cylinder	6H20.10	Brewster's Angle
1N30.10	Collision Balls	5A50.30	Van de Graaff Generator	6H30.10	Three Polaroids
1N40.24	Air Table Collisions	5B10.10	Hair on End	6H30.40	Karo Syrup
1Q10.10	Inertia Wands and Two Students	5B10.40	Electric Field Lines	6J10.10	Eye Model
1Q10.30	Ring, Disk, and Sphere Race	5B20.10	Faraday's Ice Pail	6Q10.10	Holograms
1Q20.10	Adjustable Angular Momentum	5B20.35	Radio in a Cage		
1Q30.10	Passing the Wheel	5B30.35	Point and Ball with Van de Graaff	7A10.10	Discharging Zinc Plate
1Q40.10	Rotating Stool and Masses	5C10.20	Parallel Plate Capacitor	7A50.40	Vibrating Circular Wire
1Q40.22	Rotating Hoberman Sphere	5C20.10	Capacitor with Dielectrics	7A60.10	Electron Diffraction
1Q40.30	Rotating Stool and Wheel	5C30.20	Short a Capacitor	7B10.10	Student Gratings and Line Sources
1Q50.50	Precessing Gyro	5C30.30	Light the Bulb	7D10.10	Geiger Counter and Samples
1R10.10	Stretching a Spring	5D10.40	Resistance Model	7D30.60	Diffusion Cloud Chamber
1R40.30	Happy and Sad Balls	5D20.10	Wire Coil in LN ₂	7F10.60	Lorentz Transformation/Time Dilation
		5D20.60	Conduction in Glass		
2A10.20	Floating Metals	5D40.10	Jacob's Ladder	8A10.10	Orrery
2B20.40	Pascal's Vases	5E40.25	Lemon Battery	8A10.25	Phases of the Moon
2B30.10	Crush the Can	5E50.10	Thermocouple	8A10.55	Retrograde Motion Model
2B30.30	Magdeburg Hemispheres	5F10.10	Ohm's Law	8A10.80	Celestial Sphere
2B35.30	Manometer	5F15.35	Fuse with Increasing Load	8B10.30	Sunspots on the Overhead
2B40.10	Weigh Submerged Block	5F20.10	Kirchhoff's Voltage Law	8B10.35	Random Walk
2B40.20	Archimedes' Principle	5F20.50	Series and Parallel Circuits	8C10.10	Expanding Universe
2C10.10	Torricelli's Tank	5F30.10	Capacitor and Light Bulb	8C20.20	Membrane Table / Black Hole
2C20.15	Bernoulli / Venturi Tubes				