Suggested Experiment Order for:
A Beka Physics, The Foundational Science, 2005

A Beka Chapter	Page in text book	Suggested QSL Physics Lab
1. Matter and Energy	p. 4	Intro A: Scientific Investigation
2. The Mathematics of Physics	p. 37	Intro B: Scientific Analysis
5. The Solid State	p. 86	13. Hooke's Law, a Spring Constant
6. Velocity and acceleration	p. 111	1. A Recording Timer, Gravity
7. Forces in Nature	p. 119	2. Newton's Second Law
	p. 129	6. Coefficient of Friction
8. Concurrent Forces	p. 140	3. The Sum of Vector Forces
	p. 144	4. Acceleration on an Inclined plane
9. Motion in two Dimensions	p. 154	8. Projectile Motion
	p. 160	14. Centripetal Force
	p. 166	15. A Pendulum
10. Work and Machines	p. 178	7. Work and Power
	p. 182	12. Mechanical Advantage of a Simple Machine
11. Energy and Momentum	p. 195	5. Potential and Kinetic Energy
	p. 200	10. Conservation of Momentum
	p. 204	11. Conservation of Energy and Momentum
	p. 206	9. Impulse and Momentum
14. Heat	p. 259	17. Specific Heat of Aluminum
	p. 261	18. Latent Heat of Fusion
17. Sound	p. 326	16. The Speed of Sound in Air
21. The Refraction of Light	p. 389	19. Reflection From Curved Mirrors
	p. 402	20. Refraction
	p. 408	21. Lenses
22. Wave Optics	p. 426	22. Wavelength of a Laser Beam
	p. 428	23. Wavelengths of the Visible Spectrum
23. Electrostatics	p. 444	25. Static Electricity
24. Magnetism	p. 460	31. Magnetic Fields
26. Ohm's Law	p. 506	26. An Electronic Breadboard
	p. 512	27. Ohm's Law
27. Load Characteristics	p. 527	28. Capacitors
28. Electrical Devices	p. 550	32. Electric Motors
31. Light in Modern Technology	p. 601	24. Laser Measurements
32. Electronics	p. 627	29. Diodes
	p. 630	30. Transistors