

**Suggested Experiment Order for:****Apologia (Wile) Exploring Creation with Physics, 2nd Edition**

Apologia Module	Page in text book	Suggested QSL Physics Lab
2. One-Directional Motion Equations and Free Fall	p. 54	1. A Recording Timer, Acceleration of Gravity
3. Two-Directional Vectors	p. 90	3. The Sum of Vector Forces
4. Motion in Two Dimensions	p. 126	8. Projectile Motion
5. Newton's Laws	p. 151	2. Newton's Second Law
5. Newton's Laws	p. 165	6. Coefficient of Friction
6. Applications of Newton's Laws	p. 198	4. Acceleration on an Inclined Plane
7. Circular Motion and Gravity	p. 231	11. Centripetal Force
8. Work and Energy	p. 264	5. Potential and Kinetic Energy
8. Work and Energy	p. 268	14. Specific Heat of Aluminum
8. Work and Energy	p. 268	15. Latent Heat of Fusion
8. Work and Energy	p. 276	7. Work and Power
9. Momentum	p. 295	9. Conservation of Momentum
10. Periodic Motion	p. 320	10. Hooke's Law, a Spring Constant
10. Periodic Motion	p. 341	12. A Pendulum
11. Waves	p. 357	13. The Speed of Sound in Air
11. Waves	p. 369	18. Wavelength of a Laser Beam
11. Waves	p. 371	19. Wavelengths of the Visible Spectrum
12. Geometric Optics	p. 402	16. Refraction
12. Geometric Optics	p. 410	17. Lenses
14. Electric Potential	p. 464	20. An Electronic Breadboard
14. Electric Potential	p. 474	22. Capacitors
15. Electric Circuits	p. 507	21. Ohm's Law
15. Electric Circuits	p. 509	23. Diodes
15. Electric Circuits	p. 509	24. Transistors