

Lab Correlation Chart for Physics for the Rhetoric Stage

PRS Unit and Week	Beyond Labz Experiment
Unit 1: Introduction to Physics	
Week 1 - Introduction to Physics, part 1	<i>No Lab</i>
Week 2 - Introduction to Physics, part 2	<i>No Lab</i>
Week 3 - One Dimensional Motion, Part 1	#1 Measuring Speed
Week 4 - One Dimensional Motion, Part 2	#2 Graphing Constant Velocity
Week 5 - Two Dimensional Motion	#3 Graphing Accelerated Motion
Week 6 - Newton's Laws	#5 Newtons First Law
Week 7 - Forces in Two Dimensions	#6 Newtons Second Law
Week 8 - Work and Energy	#7 Newtons Third Law
Week 9 - Momentum	
Unit 2: Motion	
Week 1 - Angular Motion and Statics	#8 Acceleration and Friction
Week 2 - Newton's Universal Law of Gravity	#14 Universal Gravitation
Week 3 - Periodic Motion Part 1	#15 Gravitational Interactions
Week 4 - Periodic Motion Part 2	#9 Gravity and Projectile Motion
Week 5 - Vibrations and Sound	#10 Projectile Motion and Air Resistance
Week 6 - Fluid Mechanics, Part 1	#16 Satellite Motion
Week 7 - Fluid Mechanics Part 2	#18 Specific Heat of Metals
Week 8 - Heat, part 1	#19 Phase Changes
Week 9 - Heat, part 2	<i>No Lab</i>
Unit 3: Electricity	
Week 1 - Thermodynamics	#12 Energy conversions
Week 2 - Electrostatics	#21 Circuit Diagrams
Week 3 - Electric Potential, Part 1	#22 Building Circuits with Light Bulbs
Week 4 - Electric Potential, Part 2	#23 Electric Current
Week 5 - Circuits, Part 1	#24 Series and Parallel Circuits
Week 6 - Circuits, Part 2	#25 Capacitors
Week 7 - Magnetism	#20 The Effect of a Magnetic Field on Moving Charges
Week 8 - Electromagnetism	#26 The Effect of an Electric Field on a Moving Charge
Unit 4: Quantum and Atomic Physics	
Week 1 - Geometric Optics	#29 Refraction of Light
Week 2 - Physical Optics	#30 Plane Mirror Images
Week 3 - Special Theory of Relativity, Part 1	#31 Concave Mirror
Week 4 - Special Theory of Relativity, Part 2	#32 Lenses
Week 5 - Quantum Physics	#34 Photoelectric Effect
Week 6 - Atomic Physics	#27 Wave Diffraction
Week 7 - Nuclear Physics, Part 1	#28 Blackbody Radiation
Week 8 - Nuclear Physics, Part 2	<i>No Lab</i>
Week 9 - Biophysics	<i>No Lab</i>