

**Physics II: Mechanics:
Summerfield Waldorf School and Farm**

Topics and Assignments

Week 1	Due	✓
Mon, 5/15	A: Inertia	
	<i>HW: Signed Lab Safety Agreement</i>	Next class
	<i>CW: Opening Questions and Journal Notes</i>	Next class
	<i>HW: Lab 1 — Inclined Plane Observations</i>	5/19
	<i>HW: MLB Page — Inertia</i>	5/19
Tues, 5/16	B: Philosophy of Science, Acceleration of Gravity	
	<i>CW: Opening Questions and Journal Notes</i>	Next class
	<i>HW: Lab 1 — Inclined Planes Conclusion</i>	5/19
	<i>HW: Lab 2 — Acceleration of Gravity Observations</i>	5/19
	<i>HW: Worksheet — Inductive vs. Deductive Reasoning</i>	5/19
	<i>HW: MLB Page — Philosophy of Science</i>	5/19
Wed, 5/17	C: Galileo, Motion in Time, Pendulum	
	<i>CW: Opening Questions and Journal Notes</i>	Next class
	<i>HW: Lab 2 — Acceleration of Gravity Conclusion</i>	5/19
	<i>HW: Lab 3 — Gravity and the Pendulum Observations</i>	5/18
Thurs, 5/18	D: Force, Mass, and Acceleration	
	<i>CW: Opening Questions and Journal Notes</i>	Next class
	<i>HW: Lab 3 — Gravity and the Pendulum Conclusions</i>	
	<i>HW: Study for Quiz 1</i>	5/19
Fri, 5/19	E: Review	
	<i>QZ: Quiz 1 — Recent Topics</i>	
	<i>HW: First Main Lesson Book Check</i>	5/19

**Physics II: Mechanics:
Summerfield Waldorf School and Farm**

Week 2	Due ✓
Mon, 5/22 F: Static Forces, Balance and Equilibrium <i>CW: Opening Questions and Journal Notes</i>	
Tues, 5/23 G: The Design of Bridges <i>Project: Bridge Building Project Begins.....</i> 6/7 <i>CW: Opening Questions and Journal Notes</i>	
Wed, 5/24 H: Momentum, Collisions, Momentum vs. Energy <i>CW: Opening Questions and Journal Notes</i>	
Thurs, 5/25 I: Newton's Third Law Conservation of Energy <i>CW: Opening Questions and Journal Notes</i> <i>HW: Study for Quiz 2</i> 5/26	
Fri, 5/26 J: Review <i>QZ: Quiz 2 – Recent Topics.....</i> 5/26 <i>HW: Second Main Lesson Book Check</i> 5/26	

**Physics II: Mechanics:
Summerfield Waldorf School and Farm**

Week 3	Due ✓
Mon, 5/29 No School: Memorial Day	
<hr/> Tues, 5/30 K: Newton's Bio, Impulse and Momentum <i>CW: Opening Questions and Journal Notes</i>	
<hr/> Wed, 5/31 L: Elastic and Inelastic Collisions <i>CW: Opening Questions and Journal Notes</i>	
<hr/> Thurs, 6/1 M: Potential and Kinetic Energy <i>CW: Opening Questions and Journal Notes</i> <i>HW: Study for Quiz 3</i>	6/2
<hr/> Fri, 6/2 N: Review <i>QZ: Quiz 3 – Recent Topics</i> <i>HW: Third Main Lesson Book Check</i>	6/2

**Physics II: Mechanics:
Summerfield Waldorf School and Farm**

Week 4	Due	✓
Mon, 6/5	O: Kepler's Three Laws of Planetary Motion, Centripetal Acceleration	
	<i>CW: Opening Questions and Journal Notes.....</i>	6/5
Tues, 6/6	P: Newton's Derivation of Universal Force of Gravity	
	<i>CW: Opening Questions and Journal Notes</i>	
Wed, 6/7	Q: Bridge Project Contest	
	<i>CW: Opening Questions and Journal Notes</i>	
	<i>CW: Bridge Building Project Presentations</i>	
	<i>HW: Study for Quiz 4.....</i>	6/8
Thurs, 6/8	R: Review, Last day of school	
	<i>QZ: Quiz 4 – Recent Topics</i>	
	<i>HW: Final Main Lesson Book Check.....</i>	6/9
Fri, 6/9	No school	