

Subject	Honors Physics
Teacher(s)	Ferguson

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[Week 1](#)

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[Week 3](#) *(to be completed by 3/30)*

Activities students can always do

- Study for Waves test to take once we return (for those that haven't taken it yet).
 - [\(e.g. Khan Academy standing waves\)](#)
- Watch youtube videos on solved problems.
- Work on catapult if you have your equipment.

Week 1

Activity	Learning Plan <i>(instructions and links to resources)</i>
1	Electric Forces Slideshow -- Coulomb's Law • Take notes
2	Coulomb's Law worksheet • Complete worksheet -- email or Canvas message with questions
3	Crash Course Physics -- Electric Charge • Youtube video on electric charge
4	

Week 2

Activity	Learning Plan (instructions and links to resources)
1	Voltage, Current, Resistance and Ohm's Law Slideshow • Take notes
2	Ohm's Law Worksheet • Complete worksheet -- email or Canvas message with questions
3	Crash Course Physics -- Voltage
4	

Week 3

Activity	Learning Plan (instructions and links to resources)
1	Circuits and Kirchoff's Law Slideshow • Take notes
2	Circuits Worksheet • Complete worksheet -- email or Canvas message with questions
3	Crash Course Physics -- Circuit Analysis
4	

Week 4 (April 14-17)

Activity	Learning Plan (instructions and links to resources)
1	Complete EM Waves Packet
2	
3	
4	

Week 5 (April 20-24)

Activity	Learning Plan (instructions and links to resources)
1	Complete Nuclear Physics Packet
2	
3	
4	

Week 6 (April 27-May 1)

Activity	Learning Plan (instructions and links to resources)
1	Complete Geometric Optics Packet
2	
3	
4	

Week 7 (May 4-8)

Activity	Learning Plan (instructions and links to resources)
1	Complete Quantum Mechanics Packet
2	
3	
4	