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| January |  |
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| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
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| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|  | Review of Semester Exam- Conservation of Energy | Rotational Kinematics:-Using Rads-Intro. to  Torque | Torque & Rotational Equilibrium-Torque Lab | -Finish Torque Lab-Torque practice questions | -Torque FR questions-Rotation problem solving |  |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|  | Moment of Inertia:-Applications- Rotational KE-Practice ?s | \*Moment of Inertia lab:-Rolling discs\*Finish practice  ?s | Moment of Inertia Lab:-Setup-Begin data  collection |  | Moment of Inertia Lab:-Data collection-Data analysis |  |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|  | MLK Holiday | Moment of Inertia Lab:-Finish data  analysis | -Chapter 7.5 Conceptual Practice-“I” Lab Report |  | Angular motion Free Response practice |  |
| 26 | 27 | 28 | 29 | 30 | 31 |  |
|  | Angular Momentum & Rotational KE-Problem solving  | -Practice Rotation Exam | Begin Rotational Dynamics Exam |  | Finish Rotational Dynamics Exam |  |

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| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|  | SHM:Pendulum/Spring inquiry lab | SHM:Pendulum/Spring inquiry lab | SHM:Pendulum/Spring inquiry lab-Finish data collection |  | Simple Harmonic Motion:-Graphing & Applications-Finish Lab report |  |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|  | SHM Practice Questions-Harmonium | -Intro. to semester project-Hooke’s Law Lab | -Finish Hooke’s Law Lab-Work on SHM questions | ½ Day (4, 5, 6) | **Inservice Day** |  |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|  | **President’s Day** | SHM Free-Response practice questions | Review for SHM Test:-Finish FR-Gimkit |  |  SHM Unit Exam-Finish MC questions-Begin FR |  |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|  | SHM Unit Exam-Finish FR questions | \*SHM Unit Exam-Finish (if needed)\*Intro. to wave properties-Mechanical waves | Mechanical Waves Lab:-Inquiry into factors affecting waves-Wave problems |  | \*Interference & standing waves:-Superposition-Harmonics\*Standing waves inquiry lab |  |

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| March |  |
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| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
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|  | -Finish standing waves inquiry lab-Work on Wave Problems | -Speed of Sound Lab-Standing Waves Problems | -Speed of Sound Lab-Review Sound Waves(MC Practice) |  | **Inservice Day** |  |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|  | **Spring Break** | **Spring Break** | **Spring Break** | **Spring Break** | **Spring Break** |  |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|  | -Standing Waves review-Waves & Sound MC practice | -Sound waves FR practice-Review for Unit Exam on Sound | Sound Wave test:-MC Questions |  | Sound Waves Test:-FR Questions  |  |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|  | Intro to Electric Forces:-Phet investigations | Begin Electric Forces:-Coulomb’s Law-Packing peanuts charge lab | \*Finish peanut Charge lab\*Electric Force Problem-solving-Applying Coulomb’s Law |  | Static Electricity review:-Focus on Coulomb’s law-FR practice |  |
| 29 | 30-Finish Coulomb’s law review | 31Coulomb’s law quiz-Applying Coulomb’s law |  |  |  |  |

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| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
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|  |  |  | Intro to circuits:-Ohm’s law-Kirchoff’s loop & junction rules |  |  Ohm’s law:-Series & parallel circuits-Complex circuits |  |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|  | Building Circuits Lab:-Using a multimeter | Circuits Lab  | Finish Circuits Lab |  | Ohm’s Law & Circuits Quiz |  |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|  | AP Exam Refresher:-Prepping for Mock Exam | AP Physics 1 Mock Exam:-MC | AP Physics 1 Mock Exam:-FR |  | AP Exam Review |  |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|  | Finish DC Circuits | AP Exam Review:-Kinematics-Newton’s laws | AP Exam Review:-Linear Momentum-Work & Energy  |  | AP Exam Review:- Finish Work & Energy |  |
| 26 | 27 | 28 | 29 | 30 |  |  |
|  | AP Exam Review:-Rotation & Gravity | AP Exam Review:-Angular Motion | AP Exam Review:-Simple Harmonic Motion-Waves & Sound |  |  |  |

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|  |  |  |  |  |  AP Exam Review:-Electrostatics-DC Circuits |  |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|  | AP Exam Review:-Practice Blitz | AP Exam Review:-Practice Blitz | IAP Exam Eve:-Final Exam Tips-Final Material Review | AP Physics 1 Exam Day (12;00 pm) | Senior Finals |  |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|  | Play-Doh Resistor Lab | Finish Play Doh Resistor Lab | Rube Goldberg Madness |  | Rube Goldberg Madness |  |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|  | Finish Rube Goldberg | Ig Nobel Project Due | Final Exams:Periods 1, 2, 3 | Final Exams:Periods 4, 5, 6 |  Teacher Work Day |  |
| 24/31 | 25 | 26 | 27 | 28 | 29 | 30 |
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