Physics Year-At-A-Glance

Term 1	Term 2	Term 3	Term 4
Unit 1: Classroom Expectation: Lab Safety **Dates:** Aug 19 - Aug 21 **TEKS:** P.1C, P.1E, P.1F	**Unit 3**: Force of Motion (Newton's 3 Laws) 4. Newton's 3rd Law **Dates:** Oct 12 - Oct 16 **TEKS:** P.5E-G, P.6B	**Unit 7**: Work and Energy 1. Work and Power 2. Kinetic and Potential Energy 3. Conservation of Energy **Dates:** Jan 6 - Jan 22 **TEKS:** P.7A-C	**Unit 10**: Characteristics and Behavior of Waves 1. Simple Harmonic Motion 2. Wave Properties and Characteristics **Dates:** Mar 1 - Apr 3 **TEKS:** P.8A-D
Unit 2: Motion in One Dimension 3. Distance, Displacement, Frame of Reference 4. Kinematics 5. Free Fall **Dates:** Aug 24 - Sept 24 **TEKS:** P.5A-D, P.5G, P.5H	**Unit 4**: Motion in Two Directions 1. Vector Addition 2. Horizontally Launched Projectiles **Dates:** Oct 19 - Nov 13 **TEKS:** P.5B, P.5D	**Unit 8**: Nature of Forces (Electricity) 1. Electrostatics and Coulomb's Law 2. Current and Ohm's Law 3. Series and Parallel Circuits **Dates:** Jan 25 - Feb 12 **TEKS:** P.6A-E	**Unit 11**: Light and Optics 1. EM Spectrum 2. Light Behaviors, Plane Mirror, and Shell's Law 3. Concave and Convex Lenses **Dates:** Apr 5 - Apr 30 **TEKS:** P.8A-G
Unit 3: Force of Motion (Newton's 3 Laws) 1. Free Body Diagrams 2. Newton's 1st Law 3. Newton's 2nd Law **Dates:** Sept 25 - Oct 8 **TEKS:** P.5E-G, P.6B	**Unit 5**: Gravitation and Circular Motion 1. Universal Gravitation 2. Circular Motion **Dates:** Nov 16 - Dec 2 **TEKS:** P.5B, P.5D, P.5H **Unit 6**: Law of Conservation of Energy and Momentum 1. Impulse and Momentum 2. Collisions and Conservation of Momentum **Dates:** Dec 3 - Dec 11 **TEKS:** P.7D, P.7E	**Unit 9**: Magnets and Electromagnetism 1. Magnets and Magnetic Fields 2. Electromagnetism **Dates:** Feb 16 - Feb 26 **TEKS:** P.6B, P.6C	**Unit 12**: Quantum Phenomena 1. Photoelectric Effect 2. Emission Spectra 3. Photon Model for Light **Dates:** May 3 - May 17 **TEKS:** P.9A-D
Important Dates: Aug 19: Term Begins Sept 7: District Holiday *Sept 8 - 11: BOY Window* Sept 21: District Inservice Oct 8: Term Ends	**Important Dates:** Oct 9: Student/Teacher Holiday Oct 12: Campus Inservice Oct 13: Term Begins Nov 9: District Inservice Dec 18: Term Ends	**Important Dates:** Jan 4 - 5: Campus Inservice Jan 6 Term Begins Jan 18: District Holiday Feb 15: Campus Inservice Mar 8 - 12: District Holiday Mar 19: Term Ends	**Important Dates:** Mar 22: Term Begins Mar 25 and 29: District Holiday *Apr 26 - May 7: EOY Window* May 27: Term Ends