



**DUVAL COUNTY PUBLIC SCHOOLS  
PHYSICS YEAR-AT-A-GLANCE 2020-2021**



1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<b>Unit I: Motion</b> [SC.912.P.12.2.; SC.912.N.1.1; SC.912.10.21; SC.912.P.12.1] A. Scalar Quantities B. Measurement C. Average and Instantaneous Speed D. Scalar and Vector Quantities E. Acceleration	<b>III. Force and Motion (cont.)</b> [SC.912.P.12.1, SC.912.P.12.2, SC.912.P.12.3] A. Projectile Motion B. Projectile Motion (cont.) C. Friction D. Centripetal Force and Acceleration	<b>VII. Energy II</b> SC.912.P.10.1, SC.912.P.10.2, SC.912.P.10.3, SC.912.P.10.4, SC.912.P.10.5, SC.912.P.12.1 A. Work and Power B. Force and Energy C. Thermal Energy	<b>IX. Electricity</b> SC.912.P.E.2, SC.912.P.8.3, SC.912.P.10.13, SC.912.P.10.14, SC.912.P.10.15 A. Coulomb's Law B. Energy Transformations C. Circuits D. Ohm's Law E. Power
<b>Unit II: Force and Motion</b> [SC.912.P.12.2, SC.912.P.12.3] A. Newton's First Law B. Accelerated Motion C. Newton's Second Law D. Newton's Third Law	<b>IV. Momentum</b> [SC.912.P.10.1, SC.912.P.12.3, SC.912.P.12.5] A. Linear Momentum B. Conservation of Momentum C. Impulse Momentum Theorem	<b>VIII. Waves</b> SC.912.P.10.18, SC.912.P.10.20, SC.912.P.10.21, SC.912.P.10.22, SC.912.P.12.7 A. Properties of Waves B. Sound C. Electromagnetic Spectrum D. Reflected Light E. Curved Mirrors F. Refraction G. Lenses H. Doppler Effect	<b>X. Nuclear Physics</b> SC.912.P.10.1, SC.912.P.10.2, SC.912.P.10.9 SC.912.P.10.10 A. The Strong Force B. Binding Energy
	<b>V. Energy I</b> SC.912.P.10.1, SC.912.P.10.2, SC.912.P.10.6, SC.912.P.12.1, SC.912.P.12.2 A. Motion and Energy B. Types of Energy C. Conservation of Energy		
	<b>VI. Gravity</b> SC.912.P.12.3, SC.912.P.12.4, SC.912.E.5.6 A. Newton's Law of Universal Gravitation		
			<b>District EOC (covers all benchmarks)</b>