

## Commerce City Schools Curriculum Map

Grade Level: 12  
Content Area: Physics

Grading Period	1 <sup>st</sup> 6 weeks			2 <sup>nd</sup> 6 weeks			3 <sup>rd</sup> 6 weeks		
<b>Name of Unit</b>	Waves	Optics	Nuclear Decay	Physics of Superheroes	Physics of Superheroes Cont'd	Physics of Superheroes Cont'd	Physics of Superheroes Cont'd	Electricity and Magnetism	Electricity and Magnetism
<b>Big Ideas</b>	Production and Energy transfer of E-mag waves Refraction, Reflection, Diffraction, Superposition	Behavior of light through optical devices Formation of real vs. Virtual Images	Atomic and Subatomic Physics	Newton's Laws, Circular Motion, Motion in one and two dimensions,	Work, Momentum, Collisions,	Thermodynamics, Heat	Culminating Project	Static Electricity, Current Electricity, Motors and Generators	Magnetism, Electromagnetic Induction
<b>Pacing of Unit</b>	2 weeks	2 weeks	2 weeks	2 weeks	2 weeks	1.5 weeks	1.5 weeks	2.5 weeks	2.5 weeks
<b>Domain/Content Weight</b>	Not EOCT Course								
<b>Resources</b>	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book, laboratory activities resources and additional instructional materials	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book, laboratory activities resources	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources and additional instructional materials,	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources and additional instructional materials	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources and additional instructional	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources and additional instructional	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources and additional instructional	Holt Physics Instructional Materials: Student One Stop CD-ROM, textbook, study guide, test review book and laboratory activities resources and additional instructional materials

						<b>materials</b>	<b>materials</b>	<b>materials</b>	
<b>Key Standards</b> (See <a href="http://www.georgiastandards.org">www.georgiastandards.org</a> for a list of standards by grade level and content area)	SP4 (a, b)	SP4 (a, b)	SP2 (a, b) SP6 (a, b)	SP1 (a-h) SP6 (c)	SP3 (a-f)		SP5 (a-d)	SP6 (d)	SB3 (a, b, c), SB4 (f)  EOCT Review: SB1-5
<b>Related Standards</b>	SCSh1-SCSh8			SCSh1-2, SCSh4, SCSh7-8	SCSh1-5, SCSh7-8	SCSh1-5, SCSh7-8	SCSh1-8	SCSh1-5, SCSh7-8	SCSh1-8