

Scope and Sequence

Physics

	Dates	Unit	Required Labs	Assessment TEKS and Date
1 st Six Wks	3 Blocks (A) Aug 13 - Aug 18 (B) Aug 12 - Aug 19	(1) Safety	Super Ball Lab	Unit Test 1 October 21-22
	9 Blocks (A) Aug 20 - Sept 17 (B) Aug 21 - Sept 12	(2) Motion in One and Two Dimensions	Pace Tracer Activity Motion Detector Lab	
	5 Blocks (A) Sept 22 - Oct 1 (B) Sept 16 - Sept 30	(3) Projectiles	Projectile Simulation Lab Marble Launcher Lab	
2 nd Six Wks	5 Blocks (A) Oct 6 - Oct 20 (B) Oct 2 - Oct 16	(4) Newton's Laws of Motion	Newton's Laws Stations	
	9 Blocks (A) Oct 27 - Nov 19 (B) Oct 23 - Nov 18	(5) Energy Work and Power	A Marble Roller Coaster Lab Part 1, Part 2, Part 3 Running the Stairs Lab	
3 rd Six Wks	5-6 Blocks (A) Dec 1 - Dec 10 (B) Nov 20 - Dec 11	(6) Momentum and Impulse	Rolling Momentum Lab	
	Dec 12 - Dec 19	Fall Semester Exams		Fall Semester Exam
4 th Six Wks	6 Blocks (A) Jan 7 - Jan 23 (B) Jan 6 - Jan 20	(7) Gravitation and Circular Motion	Centripetal Force Lab	Unit Test 2 March 2-3
	4 Blocks (A) Jan 26 - Feb 4 (B) Jan 22 - Jan 30	(8) Electrostatics	Electrostatics Station Cards Electrostatics Student Sheet	
	7-9 Blocks (A) Feb 6 - Feb 25 (B) Feb 3 - Feb 27	(9) Electricity (Circuits)	PhET Circuit Lab	
	2 Blocks (A) Mar 16- Mar 18 (B) Mar 5- Mar 17	(10) Magnetism	Magnetism Station Cards Magnetism Student Sheet	
5 th Six Wks	7 Blocks (A) Mar 20 - Apr 10 (B) Mar 19 - Apr 9	(11) Fundamentals of Waves	Wave Propagations Simple Harmonic Motion - Spring Simple Harmonic Motion- Pendulum	
6 th Six Wks	6 Blocks (A) Apr 13 - Apr 27 (B) Apr 14 - Apr 28	(12) Wave Interactions and Optics	Wave Interactions Lab Wave Interaction Lab - Notes Lenses and Mirrors Simulation	
	6-7 Blocks (A) Apr 29 - May 13 (B) Apr 30 - May 15	(13) Photoelectric Effect	Light Demo Activity Double Slit Lab Double Slit Lab	
	May 15 - May 22	Final Exams		Spring Semester Exam