

Scope and Sequence

Unit	Lesson	Suggested Instructional Time	Unit Total
1	1.1 Introduction to Physics	5 days	5 days
2	2.1 Introduction to Motion (P.5A, P.5B, P.5C)	4 days	16 days
	2.2 Speed vs. Velocity (P.5A, P.5C)	6 days	
	2.3 Accelerated Motion (P.5A, P.5C)	6 days	
3	3.1 Free Fall (P.5A, P.5C)	4 days	16 days
	3.2 Vertically Launched Projectiles (P.5C)	4 days	
	3.3 Horizontally Launched Projectiles (P.5D)	4 days	
	3.4 Angle Launched Projectiles (P.5D)	4 days	
4	4.1 Newton's Laws (P.5E, P.5F, P.5G)	4 days	12 days
	4.2 Mass vs. Weight (P.5F)	2 days	
	4.3 Types of Forces and Free Body Diagrams (P.5F, P.5G)	6 days	
5	5.1 Law of Universal Gravitation (P.5H)	4 days	8 days
	5.2 Uniform Circular Motion (P.5D, P.5F, P.5H)	4 days	
6	6.1 Work, Energy, and Power (P.7A)	4 days	12 days
	6.2 Work Changes Kinetic Energy (P.7B, P.7C)	2 days	
	6.3 Conservation of Energy (P.7C)	6 days	
7	7.1 Momentum and Impulse (P.7D)	6 days	12 days
	7.2 Conservation of Momentum (P.7E)	6 days	