

8th Grade

Syllabus - Term 3

All items are subject to change without notice
Syllabus does not include quizzes



Unit 1: Motion, Forces, and Energy

Jan 14	Simple Machines, Rube Goldberg
Jan 16	Red Book Ch 7, p. 202, 1-23
Jan 18	Simple Machines Lab
Jan 23	Energy Types and Changes
Jan 25	Motion and Vectors
Jan 28	Pythagorean Theorem
Jan 30	$D=RT$
Feb 1	Airplane Lab
Feb 4	Balanced Forces - Skateboard
Feb 6	Review
Feb 8	TEST

DUE

Organic Molecules

Simple Machines
Chapter 7 p. 202, 1-23
Simple Machines Lab
Energy Changes
Vector Plot
Pythagorean Theorem
 $D=RT$

Unit 2: Newtonian Physics

Feb 11	Newton's Laws
Feb 13	3 Laws - Examples
Feb 15	Kinetic and Potential Energy
Feb 20	Work and Energy
Feb 22	Sports Physics
Feb 25	Red Book Ch 6, p. 174, 1-23
Feb 27	Definitions
Mar 1	Waves and Electricity
Mar 4	Review
Mar 6	TEST
Mar 8	Physics Rodeo
Mar 11	Projects, Activity
Mar 13	Intro Geology

DUE

Balanced Forces, Skateboard

Newton's Laws
3 Laws
EK EP Half Sheet
Work and Energy
Sports Physics
Chapter 6 p. 174, 1-23
Definitions
Project – Rube Goldberg
Waves, Electricity, DDD!!!