

8th Grade Science - School Year 2020-2021

Tentative Schedule (subject to change) :

Months	Sessions	Topic
September	1	Introduction to Scientific Theory and Scientific Approach
	2	Measurement and Error
	-	CHEMISTRY: Tool Needed for Understanding Molecular Concepts
	3	Properties of Matter
	4	States of Matter
October	5	Atomic Structure
	6	Periodic Table
	7	Midterm Reviews
	-	CHEMISTRY: Bonds, Reactions, and Mixtures
	8	Chemical Bonds
November	9	Chemical Reactions
	10	Solutions, Acids, and Bases
	-	CHEMISTRY: Application of Periodicity
	11	Carbon Chemistry
December	12	Nuclear Chemistry
	13	Section Review/Lab
January	14	Fall Semester Final Reviews
	15	Fall Semester Final Reviews
	-	PHYSICS: Classical Mechanism
	16	Motion
	17	Forces in Motion
February	18	Forces in Fluids
	-	PHYSICS: Thermodynamics
	19	Work, Power, and Machines
	20	Energy
	21	Thermal Energy and Heat
	-	PHYSICS: Wave and Particle Mechanics
March	22	Mechanical Waves and Sound
	23	The Electromagnetic Spectrum and Light
	24	Optics
	25	Midterm Reviews
	-	PHYSICS: Electricity and Magnetism
	26	Electricity
April	27	Magnetism
	-	Earth Sciences
	28	Earth's Interior
	29	Earth's Surface
May	30	Weather and Climate

	-	Space Sciences
	31	The Solar System
	32	Exploring the Universe
	33	Spring Semester Final Reviews
June	34	Spring Semester Final Reviews