

Year Overview Scope & Sequence Science

	T1	T1	T1	T1/2	T2	T2	T2/3	T3	T3	T3
	September	October	November	December	January	February	March	April	May	June
Earth Science	Earths Motion Around the Sun	Lunar Phases & Eclipses	Gravity and the Universe	The Solar System	Water in the Atmosphere & Water on Earth's surfaces	Aquifers	Solar Energy on Earth & Atmospheric and Oceanic Circulation	Weather patterns & Climates on Earth	Human Impact on the Environment	Earth and Human Activity
Life Science	Not taught	2022-2023								
Physical Science	Nature of Science	Solids, Liquids and Gases	Properties of Matter & Periodic Table	Chemical Bonds & Nomenclature Periodic Table	Chemical Reactions & Acids, Bases and Salts	Motion and Forces	Work and Energy	Electricity	Magnetism& Intro to Waves	Sound & Light
Biology	The Study of Life	Chemistry in Biology	Cell Discovery and Cell Theory & The Plasma Membrane	Cellular Transport	Structures and Organelles	Photosynthesis and Respiration	Cellular Reproduction and Sexual Reproduction	Genetics	DNA, RNA, Protein, Gene Regulation, and Mutations	History of Biological Diversity & Diversity of Life
Chemistry	Introduction & Matter	Elements, Atoms, and Ions	Nomenclature; Measurement and Calculations	Chemical Composition	Chemical Reactions and Reactions in Aqueous Solutions	Stoichiometry	Energy & Modern Atomic Theory	Chemical Bonding; Gases	Liquids and Solids; Solutions; Acids & Bases	Equilibrium
Physics	Displacement, Velocity	Acceleration, Vectors	2-D Motion & Start Forces	Forces & Friction	Energy (Investigation 7)	Collisions & Thermal Energy; Egg Drop	Electromagnetic Energy	Waves & Electromagnetic Radiation	Nuclear Physics	Model Rockets
Other Events / Holidays	Trait: Courtesy	Trait: Consideration	Trait: Foresight	Trait: Duty to Family	Trait: Enterprise	Trait: Self Mastery	Trait: Integrity	Trait: Resourcefulness	Trait: Self Assurance	Trait:
		Spooktacular Discovery Days	Conferences Veterans Day Grand Day Thanksgiving		MLK Day	Valentines Day Presidents Day	Founders Day St Conferences Spring Break		Memorial Day	Field Day Graduation Last Day of School
Monthly Schoolwide DEI & SEL activities	-Spaghetti in a Hot Dog Bun (Marshmallow Towers) -Words and Your Heart (Reading and Activity)			Holidays Around the World	MLK Day Readings and Videos	Black History Month: Trading Cards, Bell Ringers, Research	International Womens Day: Women in STEM			