

<b>Starbase Module</b>	<b>Starbase Activity</b>	<b>National Standard</b>	<b>GA Standard</b>
E3.1.1.1 Physics-Newton's 3 Laws of Motion	Washer Drop, Newton's Cradle, Straw Rockets	Motion & Forces Transfer of Energy	S5CS1 S5CS2 S5CS6 S5CS7
E3.1.1.1 Physics-Fluid Mechanics & Aerodynamics	Bernoulli's Principle Experiments, Flight Sim	Motions & Forces	S5CS1 S5CS4 S5CS7 SS5H3
E3.1.1.2 Chemistry Sciences Building Blocks of Matter	Molecular Models	Matter	S5CS1 S5CS5 S5CS3
E3.1.1.2 Chemistry Sciences Atmospheric Properties	Fluid Investigations	Structure of the Earth System	S5CS4 S5CS8 S5P2 M5N5 M5D1 M5D2
E3.1.1.3 Technology Innovations	Nanotechnology Miniscule Matters	Understanding Numbers Ways of Representing Numbers Relationships Among Numbers	S5CS8 M5N2 M5P1 M5P5
E3.1.1.4 Technology Navigation and Mapping	???		Map/Globe Skill Mastery
E3.1.1.4 Engineering Design Process (EDP)	PTC, Eggbert	Science & Technology	M5G2 ENGR-IED 10
E3.1.1.4 Engineering 3-D Computer Aided Design	PTC	Science & Technology	M5G2 ENGR-IED 10
E3.1.1.5 Mathematics Numbers and Number Relationships	Metric Mission, How Small is a Nanometer	Ways of Representing Numbers Number Systems	S5CS2 M5N2 M5M3 M5M4 M5P1
E3.1.1.5 Mathematics Measurement	Metric Mission, Straw Rockets		S5CS2 M5N2 M5M3 M5M4 M5P1
E3.1.1.5 Mathematics Data Analysis	Pop Goes the Fizz, Straw Rockets, Metric Mission,	Science & Technology Analyze Patterns Using Graphs Model Problems with Representations	S5CS1 S5CS2 S5CS8 M5N2 M5M3 M5M4 M5P1
E3.1.1.6 STEM Careers on Military Facilities	Career Game		
E3.1.1.6 STEM Careers Personal Investigations	Career Game, Goal Setting		