

## WYOMING STARBASE Curriculum 2016-2017

Day 1	Day 2	Day 3	Day 4	Day 5
<p><b>Physics B:</b> <i>Fluid Mechanics &amp; Aerodynamics</i> Bernoulli's Principle Experiments</p>	<p><b>Physics A:</b> <i>Newton's 3 Laws of Motion</i></p> <p>Introduction to Rocketry (Parent) with Straw Rockets</p>	<p><b>STEM Careers A:</b> STEM Careers on Military Facilities Tour</p>	<p><b>Mathematics C:</b> Geometry Circuit Board Geometry</p>	<p><b>Mathematics D:</b> Data Analysis Goes the Fizz Pop</p>
<p><b>Engineering A:</b> <i>Engineering Design Process</i> Introduction to the Engineering Design Process (Parent) with Eggbert</p>		<p><b>STEM Careers B:</b> Personal Investigations</p>	<p><b>Technology B:</b> <i>Navigation and Mapping</i> Introduction to Navigation and Mapping (Parent) with Top Secret Mission</p>	<p><b>Chemistry C:</b> Atmospheric Properties Fluid Investigations</p>
LUNCH	Lunch	Lunch	Lunch	Lunch
<p><b>Engineering B:</b> 3-D CAD DoD Mandatory PTC Modules</p>	<p><b>Technology A:</b> Innovations Introduction to Robotics (Parent) with Robotics Challenge</p>	<p><b>Engineering B:</b> 3-D CAD DoD Mandatory PTC Modules</p>	<p><b>Technology A:</b> Innovations <i>Robotics Challenge</i></p>	<p><b>Chemistry B:</b> <i>Physical &amp; Chemical Changes</i> Introduction to Physical and Chemical Changes (Parent) with Warm Ups &amp; Cool Downs</p>
<p><b>Chemistry A:</b> <i>Building Blocks of Matter</i> Creating &amp; Building Molecular Models</p>	<p><b>Mathematics B:</b> <i>Measurement</i></p> <p>Basic Measurement of Length, Liquid Volume, Mass</p>		<p><b>Mathematics A:</b> <i>Number &amp; Number Relationships-Math Mysteries</i></p>	<p><b>Chemistry A:</b> <i>Building Blocks of Matter</i> Chromatography</p>
				Graduation

	Site Academy Hours	Objectives	Objectives Met
Physics A & B	3.5	6	6
Chemistry Sciences A, B, & C	4	10	10
Technology A & B	3.5	7	7
Engineering A & B	4.5	5	5
Mathematics Operations & Applications A, B, C, & D	4.5	7	7
STEM Careers A & B	2.5	2	2
Management, Breaks, Lunch, and Graduation	3.5	NA	NA
<b>TOTALS</b>	<b>26</b>	<b>37</b>	<b>37</b>