

## 4-Year Planning Tool -- Foundation Distinguished Level of Achievement



Student Name: \_\_\_\_\_

ID#: \_\_\_\_\_

Endorsement: **STEM**

Cluster: **Science, Techn., Engineering, and Math**

Specialty: **Robotics**

	English	Math	Science	Social Studies	Elective	Elective	Elective	Notes/Alternates
12th Grade	English 4 AP English 4 Dual Credit English 4 College Prep English Debate 3 Oral Interp 3	Algebra 2 Algebra 2 PAP Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC <b>Engineering Math @ HCTC</b> AP Computer Science Pre-Calculus OnRamps Dual Credit	Chemistry Chemistry PAP Physics AP Physics 1 Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	Gov't AP Gov't Dual Credit Gov't  Economics AP Economics Dual Credit Economics	5554. Robotics and Automation  	5554. Robotics and Automation		Watch for prerequisites
11th Grade	English 3 AP English 3 Dual Credit English 3	Math Models Math Apps in Ag Algebra 2 Algebra 2 PAP Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC Engineering Math AP Computer Science	Chemistry Chemistry PAP Physics AP Physics 1 Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	U.S. History AP U.S. History Dual Credit U.S. History	5553. Advanced Engineering – Aeroscience  	5553. Advanced Engineering – Aeroscience		Watch for prerequisites
10th Grade	English 2 English 2 PAP	Geometry Geometry PAP Math Models Math Apps in Ag Algebra 2 Algebra 2 PAP	Biology Biology PAP IPC Chemistry Chemistry PAP Physics Ap Physics 1	World History AP World History	5552. Engineering Design & Presentation			Watch for prerequisites
9th Grade	English 1 English 1 PAP	Algebra 1 Algebra 1 PAP Geometry Geometry PAP	Biology Biology PAP IPC	World Geography World Geography PAP AP Human Geography	5551. Concepts of Engineering			<b>Other Requirements</b>  Language 1 Language 2 PE/Athletics Fine Arts
8th Grade		Algebra 1 PAP				Spanish I	Art I	

Career Goal: \_\_\_\_\_

Signature: \_\_\_\_\_

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Student Name: \_\_\_\_\_

ID#: \_\_\_\_\_

Endorsement: **STEM**

Cluster: **Science, Techn., Engineering, and Math**

Specialty: **Aeroscience**

	English	Math	Science	Social Studies	Elective	Elective	Elective	Notes/Alternates
12th Grade	English 4 AP English 4 Dual Credit English 4 College Prep English Debate 3 Oral Interp 3	Algebra 2 Algebra 2 PAP Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC <b>Engineering Math @ HCTC</b> AP Computer Science Pre-Calculus OnRamps Dual Credit	5553. Advanced Engineering – Aeroscience 1 *Students earn 4 <sup>th</sup> year Science Credit 	Gov't AP Gov't Dual Credit Gov't  Economics AP Economics Dual Credit Economics	5553. Advanced Engineering – Aeroscience 2 			Watch for prerequisites
11th Grade	English 3 AP English 3 Dual Credit English 3	Math Models Math Apps in Ag Algebra 2 Algebra 2 PAP Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC Engineering Math AP Computer Science	Chemistry Chemistry PAP Physics AP Physics 1 Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	U.S. History AP U.S. History Dual Credit U.S. History	5554. Robotics & Animation 	5554. Robotics & Animation		Watch for prerequisites
10th Grade	English 2 English 2 PAP	Geometry Geometry PAP Math Models Math Apps in Ag Algebra 2 Algebra 2 PAP	Biology Biology PAP IPC Chemistry Chemistry PAP Physics Ap Physics 1	World History AP World History	5552. Engineering Design & Presentation			Watch for prerequisites
9th Grade	English 1 English 1 PAP	Algebra 1 Algebra 1 PAP Geometry Geometry PAP	Biology Biology PAP IPC	World Geography World Geography PAP AP Human Geography	5551. Concepts of Engineering			<b>Other Requirements</b> Language 1 Language 2 PE/Athletics Fine Arts
8th Grade		Algebra 1 PAP				Spanish I	Art I	

Career Goal: \_\_\_\_\_

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## 4-Year Planning Tool -- Foundation Distinguished Level of Achievement

Student Name: \_\_\_\_\_

ID#: \_\_\_\_\_

Endorsement: **STEM**

Pathway: **Science**

	English	Math	Science	Social Studies	Elective	Elective	Elective	Notes/Alternates
12th Grade	English 4 AP English 4 Dual Credit English 4 College Prep English Debate 3 Oral Interp 3	Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC Engineering Math AP Computer Science Pre-Calculus OnRamps Dual Credit	Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	Gov't AP Gov't Dual Credit Gov't  Economics AP Economics Dual Credit Economics	Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience			Watch for prerequisites
11th Grade	English 3 AP English 3 Dual Credit English 3	Math Models Math Apps in Ag <b>Algebra 2</b> <b>Algebra 2 PAP</b> Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC Engineering Math AP Computer Science	<b>Physics</b> <b>AP Physics 1</b> Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	U.S. History AP U.S. History Dual Credit U.S. History				Watch for prerequisites
10th Grade	English 2 English 2 PAP	Geometry Geometry PAP Math Models Math Apps in Ag Algebra 2 Algebra 2 PAP	Biology Biology PAP IPC <b>Chemistry</b> <b>Chemistry PAP</b> Physics Ap Physics 1	World History AP World History				Watch for prerequisites
9th Grade	English 1 English 1 PAP	Algebra 1 Algebra 1 PAP Geometry Geometry PAP	<b>Biology</b> <b>Biology PAP</b> IPC	World Geography World Geography PAP AP Human Geography				<b>Other Requirements</b> Language 1 Language 2 PE/Athletics Fine Arts
8th Grade		Algebra 1 PAP				Spanish I	Art I	

Career Goal: \_\_\_\_\_

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## 4-Year Planning Tool -- Foundation Distinguished Level of Achievement

Student Name: \_\_\_\_\_

ID#: \_\_\_\_\_

Endorsement: **STEM**

Pathway: **Math**

	English	Math	Science	Social Studies	Elective	Elective	Elective	Notes/Alternates
12th Grade	English 4 AP English 4 Dual Credit English 4 College Prep English Debate 3 Oral Interp 3	<b>Precalculus</b> <b>Precalculus PAP</b> <b>Adv Quant Reasoning</b> <b>AP Statistics</b> <b>AP Calculus AB</b> <b>AP Calculus BC</b> <b>Engineering Math</b> <b>AP Computer Science</b> <b>Pre-Calculus OnRamps</b> <b>Dual Credit</b>	Chemistry Chemistry PAP Physics AP Physics 1 Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	Gov't AP Gov't Dual Credit Gov't  Economics AP Economics Dual Credit Economics	<b>Precalculus</b> <b>Precalculus PAP</b> <b>Adv Quant Reasoning</b> <b>AP Statistics</b> <b>AP Calculus AB</b> <b>AP Calculus BC</b> <b>Engineering Math</b> <b>AP Computer Science</b> <b>Pre-Calculus OnRamps</b> <b>Dual Credit</b>			Watch for prerequisites
11th Grade	English 3 AP English 3 Dual Credit English 3	Math Models Math Apps in Ag <b>Algebra 2</b> <b>Algebra 2 PAP</b> Precalculus Precalculus PAP Adv Quant Reasoning AP Statistics AP Calculus AB AP Calculus BC Engineering Math AP Computer Science	Chemistry Chemistry PAP <b>Physics</b> <b>AP Physics 1</b> Aquatic Science Environmental Systems AP Biology AP Chemistry AP Physics 2 AP Environmental Sci Anatomy & Physiology Med Micro/Patho Forensic Science Aeroscience	U.S. History AP U.S. History Dual Credit U.S. History				Watch for prerequisites
10th Grade	English 2 English 2 PAP	Geometry Geometry PAP Math Models Math Apps in Ag Algebra 2 Algebra 2 PAP	Biology Biology PAP IPC <b>Chemistry</b> <b>Chemistry PAP</b> Physics Ap Physics 1	World History AP World History				Watch for prerequisites
9th Grade	English 1 English 1 PAP	Algebra 1 Algebra 1 PAP Geometry Geometry PAP	<b>Biology</b> <b>Biology PAP</b> IPC	World Geography World Geography PAP AP Human Geography				<b>Other Requirements</b>  Language 1 Language 2 PE/Athletics Fine Arts
8th Grade		Algebra 1 PAP				Spanish I	Art I	

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