



S.T.E.A.M.

PATHWAYS

Ohio State Test Proficiency Required				Course with potential to earn College Credit				Elective can be taken any year but make sure to follow recommendations & prerequisites	
4-Year College		Language Arts 4 credits	Math 4 credits	Science 3 credits	Social Studies- 3.5 credits	Bible 4 credits	Misc Required 2.5 credits	Related Electives (5 Credits Required)	
	9	English 9	Geometry Honors Geometry	Biology Honors Biology	World History	Old Testament (.5) & New Testament (.5)	Health (.5) Physical Education (.5) Fine Arts (1) Speech (.5) OR CCP Fundamentals of Speech (.5)	Industrial Arts 1 & 2 (.5 each) Industrial Arts 3, 4, 5 3D Printing (.5) Wood Turning (.5) Product Development and Production (.5)	Computer Science (.5) Video Production (.5) Game Dev.1 and 2 (.5 each)
	10	English 10 Honors English 10	Algebra 2 Honors Algebra 2	Chemistry Honors Chemistry Honors Physical Science Physical science	American History Hon. American History or CCP U.S. History	Life of Christ (.5) & Comparative Religions (.5)		World Languages (2 years required) Spanish 1, 2, 3, 4, 5 ASL 1, 2, 3, 4	Yearbook Media Arts & Technology 1, 2 (.5 each)
	11	English 11 AP Language & Composition	Precalculus Advanced Math	Chemistry Honors Chemistry Honors Physics Honors Anatomy & Physiology	Current Social Problems (.5) Personal Finance (.5) or CCP Personal Finance (1)	Apologetics (.5) & Foundations of Christian Theology (.5)		Concert Band or Choir Resounding Joy Worship Team	Art 1, 2, (.5 each) Art 3 and 4 Ceramics (.5)
	12	English 12 AP Literature & Composition	AP Calculus AP Statistics CCP Intro to Engineering Math	Chemistry Honors Chemistry Honors Physics Honors Anatomy & Physiology	Government (.5) OR CCP Politics and American Culture (1) AND Personal Finance (.5) or CCP Personal Finance (1)	Biblical Spirituality (.5) & Marriage and the Family (.5)		CCP Psychology	Internship Teacher Aide STNA –Nurse assistant
2-Year College/ Career Technical School	9	English 9	Algebra 1 Geometry	Biology	World History	Old Testament (.5) & New Testament (.5)	Health (.5) Physical Education (.5) Fine Arts (1) Speech (.5) OR CCP Fundamentals of Speech (1)	Industrial Arts 1 & 2 (.5 each) Industrial Arts 3, 4, 5 3D Printing (.5) Wood Turning (.5) Product Development and Production (.5)	Computer Science (.5) Video Production (.5) Game Dev.1 and 2 (.5 each)
	10	English 10	Geometry Algebra 2	Chemistry Physical Science	American History	Life of Christ (.5) & Comparative Religions (.5)		World Languages Spanish 1, 2, 3, 4, 5 ASL 1, 2, 3, 4	Yearbook Media Arts & Technology 1, 2 (.5 each)
	11	English 11	Algebra 2 Advanced Math	Chemistry Physical Science	Current Social Problems (.5)	Apologetics (.5) & Foundations of Christian Theology (.5)		Concert Band or Choir Resounding Joy Worship Team	Art 1, 2, 3, 4 Ceramics
	12	English 12	Business Math Precalculus	Honors Physics Anatomy and Physiology	Government (.5) OR Politics and American Culture CCP (1) AND Personal Finance (.5) or CCP Personal Finance (1)	Biblical Spirituality (.5) & Marriage and the Family (.5)		CCP Psychology	Internship STNA –Nurse assistant
Career / Workforce Readiness	9	English 9	Algebra 1	Biology	World History	Old Testament (.5) & New Testament (.5)	Health (.5) Physical Education (.5) Fine Arts (1) Speech (.5) OR	Industrial Arts 1 & 2 (.5 each) Industrial Arts 3, 4, 5 3D Printing (.5) Wood Turning (.5) Product Development and Production (.5)	Computer Science (.5) Video Production (.5) Game Dev.1 and 2 (.5 each)
	10	English 10	Geometry	Physical Science	US History	Life of Christ (.5) & Comparative Religions (.5)		World Languages Spanish 1, 2, 3, 4, 5 ASL 1, 2, 3, 4,	Yearbook Media Arts & Technology 1, 2 (.5 each)
	11	English 11	Algebra 2	Chemistry	Current Social Problems (.5)	Apologetics (.5) & Foundations of Christian Theology (.5)		Concert Band or Choir Resounding Joy Worship Team	Art 1, 2, 3, 4 Ceramics
	12	English 12	Business Math Advanced Math		Government (.5) AND Personal Finance (.5)	Biblical Spirituality (.5) & Marriage and the Family (.5)		Internship STNA –Nurse assistant	



CAREERS

S.T.E.A.M.

4 Year College	Careers	Project Engineer	Electrical Engineer	Civil Engineer	Mechanical Engineer	Chemical Engineer	Biochemist/ Chemist
		Biologist	Researcher	Environmental Engineer	Plant Engineer	Aerospace Engineer	Cyber Security Analyst
		Network/Computer Engineer	Data Scientist	Astronomer	Software Developer	Pilot	Physicist
		Geologist	Meteorologist	Forensic Scientist	Petroleum Engineer	Agricultural Engineer	Computer Information Analyst

[Visit education.ohio.gov/CareerConnections](http://Visit.education.ohio.gov/CareerConnections) for reference and more specific information

2 Year College/ Career Technical School	Careers	Network Engineer	Pilot	Forensic Science Technician	Lab Technician	CAD Technician	Electrical Engineer Technician
		Nuclear Technician	Air Traffic Controller	Power Plant Operator	Forest Conservation Technologist	Computer Support Specialist	Network System Administrator
		Computer System Analyst	Database Administrator	Programmer	Web Developer	Data Warehousing Specialist	Network Support Specialist
		Junior Data Analyst	Cyber Security Analyst	Digital Marketer	Drafter	Document Management Specialist	

Career	Careers	Lab Assistant	Power Plant Operator	Agricultural Technician	Forestry & Conservation Worker	Pest Control	Animal Control
		Pesticide Distributor	Water Treatment Plant Operator	Help Desk Associate	Digital Marketer	Computer Support Specialist	Retail Computer Associate
		Junior Data Analyst	Data Entry Specialist				



HERALDICARE

PATHWAYS

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	9	English 9	Algebra 1 Geometry Honors Geometry	Honors Biology	World History	Old Testament (.5) & New Testament (.5)	Health (.5) Physical Education (.5) Fine Arts (1) Speech (.5) OR CCP Fundamentals of Speech (.5)	Industrial Arts 1 & 2 (.5 each) Industrial Arts 3, 4, 5 3D Printing (.5) Wood Turning (.5) Product Development and Production (.5)	Computer Science (.5) Video Production (.5) Game Dev.1 and 2 (.5 each)
	10	English 10 Honors English 10	Geometry Algebra 2 Honors Algebra 2	Chemistry Honors Chemistry Honors Physical Science Physical science	American History Hon. American History or CCP U.S. History	Life of Christ (.5) & Comparative Religions (.5)		World Languages (2 years required) Spanish 1, 2, 3, 4, 5 ASL 1, 2, 3, 4	Yearbook Media Arts & Technology 1, 2 (.5 each)
	11	English 11 AP Language & Composition	Algebra 2 Precalculus Advanced Math	Chemistry Honors Chemistry Honors Physics Honors Anatomy & Physiology	Current Social Problems (.5) Personal Finance (.5) or CCP Personal Finance (1)	Apogetics (.5) & Foundations of Christian Theology (.5)		Concert Band or Choir Resounding Joy Worship Team	Art 1, 2, (.5 each) Art 3 and 4 Ceramics (.5)
	12	English 12 AP Literature & Composition	Precalculus AP Calculus AP Statistics Business Math	Chemistry Honors Chemistry Honors Physics Honors Anatomy & Physiology	Government (.5) OR CCP Politics and American Culture (1) AND Personal Finance (.5) or CCP Personal Finance (1)	Biblical Spirituality (.5) & Marriage and the Family (.5)		CCP Psychology	Internship Teacher Aide STNA –Nurse assistant
2-Year College/ Career Technical School	9	English 9	Algebra 1 Geometry	Biology Honors Biology	World History	Old Testament (.5) & New Testament (.5)	Health (.5) Physical Education (.5) Fine Arts (1) Speech (.5) OR CCP Fundamentals of Speech (1)	Industrial Arts 1 & 2 (.5 each) Industrial Arts 3, 4, 5 3D Printing (.5) Wood Turning (.5) Product Development and Production (.5)	Computer Science (.5) Video Production (.5) Game Dev.1 and 2 (.5 each)
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	11	English 11	Algebra 2 Advanced Math	Chemistry Physical Science	Current Social Problems (.5)	Apogetics (.5) & Foundations of Christian Theology (.5)		Concert Band or Choir Resounding Joy Worship Team	Art 1, 2, 3, 4 Ceramics
	12	English 12	Business Math Precalculus	Honors Physics Honors Anatomy and Physiology	Government (.5) OR Politics and American Culture CCP (1) AND Personal Finance (.5) or CCP Personal Finance (1)	Biblical Spirituality (.5) & Marriage and the Family (.5)		CCP Psychology	Internship STNA –Nurse assistant
Career / Workforce Readiness	9	English 9	Algebra 1	Biology Honors Biology	World History	Old Testament (.5) & New Testament (.5)	Health (.5) Physical Education (.5) Fine Arts (1) Speech (.5) OR CCP Fundamentals of Speech (1)	Industrial Arts 1 & 2 (.5 each) Industrial Arts 3, 4, 5 3D Printing (.5) Wood Turning (.5) Product Development and Production (.5)	Computer Science (.5) Video Production (.5) Game Dev.1 and 2 (.5 each)
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	11	English 11	Algebra 2	Chemistry	Current Social Problems (.5)	Apogetics (.5) & Foundations of Christian Theology (.5)		Concert Band or Choir Resounding Joy Worship Team	Art 1, 2, 3, 4 Ceramics
	12	English 12	Business Math Advanced Math	Honors Anatomy and Physiology	Government (.5) AND Personal Finance (.5)	Biblical Spirituality (.5) & Marriage and the Family (.5)		CCP Psychology	Internship STNA –Nurse assistant



CAREERS

HEALTHCARE

4 Year College	Careers	Doctor	Surgeon	Registered Nurse	Clinical Trials Manager	Physician Assistant
		Speech Therapy	Physical Therapy	Social Work	Nutritionist	Prosthetic Professional
		Chiropractor	Genetics Counselor	Psychologist	Psychiatrist	Biomedical Engineer
		Veterinarian	Athletic Trainer	Optometrist	Health Care Manager	Therapist

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2 Year College/ Career Technical School	Careers	Radiological & MRI technician	Licensed Practical Nurse	Respiratory Therapist	Sonographer	Cardiovascular Technician
		Dental Hygienist	Radiation Therapist	Pharmacist Technician	Home Care Specialist	Sterile Processing
		EMT/Paramedic	Medical Assistant	Occupational Therapy Assistant	Physical Therapy Assistant	Assisted Living Technician
		Lab Technician	Medical Sales			

Career	Careers	Phlebotomist	Nurse's Assistant	Pharmacy Technician	Home Care Specialist	Sterile Processing
		Medical Records Clerk	Vet Tech	Cosmetology	Medical Biller	Health Administration Assistant
		Phlebotomist	Nurse's Assistant	Pharmacy Technician	Home Care Specialist	Sterile Processing