



River View Local School District
“Building Educational Excellence for Tomorrow...Today”

Office of the Superintendent

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STEM Pathway

	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
English	ELA 6	ELA 7	ELA 8	English 9	English 10	English 11 DC Comp 1 (3) Am Comp 1 (3)	English 12 DC Comp 2 (3) British Lit (3)
Math	Math 6	Pre-Algebra Math 7	Algebra 1 Math 8	Geometry Algebra II	Algebra II	Statistics (3) Pre Calc. (3)	Statistics (3) Pre Calc. (3) Calculus (3) Calc II (3)
Science	Science 6	Science 7	Science 8	Physical Science	Biology Chemistry	Physics Chemistry Zane State Biology (3)	Physics AP Physics
Social Studies/ History	Social Studies 6	Social Studies 7	Social Studies 8	World Studies	US History	Government Zane State Am Government Western Civilization I (3) Western Civilization II (3)	Zane State Am Government

	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Language Other than English			Chinese I	Chinese I German I Spanish I	Chinese II German II Spanish II	Chinese III (1) Chinese IV (3) German III(1) Spanish III (1)	Chinese IV (3) German IV AP Spanish
Visual and Performing Arts	Introduction to Art	Introduction to Art	Introduction to Art Music Band	Fine Art Music Band	Music Band	Music Band	Music Band Senior Studio
College Preparatory Elective (Choice)				Career & College Survey	Consumer Econ (3)	Mentorship Consumer Econ (3)	Mentorship
Other Elective Requirement	Music Band	Music Band		Health Speech and Debate	Speech and Debate	Speech and Debate Teen Leadership	Teen Leadership
Technical Courses		Personal Financial Decisions	Computer Applications	Computer Animation C.A.D Financial Literacy	Business Web Page and Coding Applications Computer Animation II C.A.D Financial Literacy	Business Web Page and Coding Applications Computer Animation II C.A.D	Solid Works (3)

Other Components	Career Advising Ohio Means Jobs College Trip to OSU-N Intro to Ohio Means Jobs	Career Class/Advising Pathway creation through Google Classroom Update Ohio Means Jobs	Career Fair Trip to 2 local factories Career Speakers Career Center Visits Update Ohio Means Jobs/Google Classroom	Update Ohio Means Jobs/Google Classroom Field Trip to Higher Education	Update Ohio Means Jobs/Google Classroom Field Trip to Higher Education College Fair	Update Ohio Means Jobs/Google Classroom Field Trip to Higher Education Mentoring Program	Update Ohio Means Jobs/Google Classroom Field Trip to Higher Education Mentoring Program Real World/Real Money	
Occupations Relating to this STEM Pathway	<ul style="list-style-type: none"> ● Aerospace Engineer ● Agricultural Engineer ● Analytical Chemist ● Anthropologist ● Architectural Engineer ● Astrophysicist ● Biomedical Engineer ● CAD Technician ● Chemical Engineer ● Chemical System Operator ● Civil Engineer ● Computer Hardware Engineering ● Computer Network Architect ● Computer Programmer ● Computer System Analyst ● Database Administrator ● Ecologist ● Electronics Engineer ● Electrical Engineering Technician ● Electromechanical Technician 			Occupations Relating to this STEM Pathway	<ul style="list-style-type: none"> ● Engineering Technician ● Engineering Manager ● Geologist ● Geothermal Engineer ● Industrial Machinery Mechanic ● IT Project Manager ● Information Systems Manager ● Math Teacher ● Mathematician ● Mechanical Engineering ● Metallurgist ● Mix Machine Setter ● Network and Computer Systems Admin ● Software Developer, Applications ● Statistician ● Survey Technician ● Web Developer ● Zoologist 			

