

CAREER PATH: ARTS & COMMUNICATION



CAREER CLUSTER: Arts, A/V Technology and Communications

CAREER PATHWAYS: Audio and Video Technology and Film, Journalism and Broadcasting, Printing, Telecommunications, Performing Arts, Visual Arts

RELATED OCCUPATIONS: Animator, Audio-Visual Systems Technician, Computer Artist, Sound Engineering Technician, Broadcast New Analyst, Editor, Radio Announcer, Reporter, Writer, Desktop Publishing Specialist, Network Technician, Telecommunications Specialist, Actor/Actress, Director, Musician, Singer, Artist, Commercial Artist, Fashion Designer, Graphic Designer, Interior Designer. For more occupations visit: www.missouriconnections.org and/or www.missourieconomy.org

Blue Springs School District: Personal Plan of Study

High School	9 th Grade	10 th Grade	11 th Grade	12 th Grade
	English I or English I Literature & Comp	English II or World Literature & Comp	English III or American Literature	4 th Communications Arts
	Algebra A, Algebra I or Geometry	Algebra B, Geometry, Tech Geometry or Algebra II	3 rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I or Pre-AP Biology	3 rd Science	
	Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
	PE/Health	PE		
				Personal Finance
Additional requirements by graduation year are: 2012: 1 credit Science; 1 credit math; 1 credit Communication Arts; 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class.)				

Career Major Coursework				
High School	ART Design Fundamentals Art History Drawing I, II Painting I, II Photography I, II 3D Design Ceramics I, II Fibers Portfolio I, II BUSINESS & TECHNOLOGY Introduction to Business Computer Applications Desktop/Multimedia Communications Video Technology Video Production	COMMUNICATION ARTS Journalism Yearbook I / II Newspaper I / II Debate Forensics Theatre / Directing Communications I English 110 / 214 / AP Computer Composition Modern Literature Creative Writing I / II Modern Non-Fiction FACS Intro to FACS Housing & Home Furnishings Fashion & Apparel I / II	FOREIGN LANGUAGE Two years same language, minimum INDUSTRIAL/TECHNICAL EDUCATION General Metals Metals Technology Drafting Fundamentals Mechanical Drawing I / II Architectural Drawing CAD I & II General Woodworking I / II Advanced Woodworking MATHEMATICS Pre AP / AP Calculus Trigonometry College Statistics College Algebra / Trig College Business Calculus Advanced Algebra	MUSIC Band/Orchestra/Choir Music Theory/AP Music Theory Music Appreciation SCIENCE Chemistry I / II or Pre AP / AP Chem Physics / AP Physics Environmental Science SOCIAL STUDIES Contemporary Issues Economics Psychology Sociology I & II
	Area Career Center available Jr/Sr years	Community College	*College/University	Other
Postsecondary	<input type="checkbox"/> Computer Assisted Design Tech <input type="checkbox"/> Construction Trades Tech <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Horticulture & Landscape Mgmt <input type="checkbox"/> Agricultural Productions	<input type="checkbox"/> Desktop Publishing <input type="checkbox"/> Drafting <input type="checkbox"/> Graphic Design <input type="checkbox"/> Printing Technology <input type="checkbox"/> TV/Radio Broadcasting <input type="checkbox"/> Telecommunications	<input type="checkbox"/> Art History <input type="checkbox"/> Education <input type="checkbox"/> Electronic Engineering <input type="checkbox"/> Fashion Design <input type="checkbox"/> Journalism <input type="checkbox"/> Music <input type="checkbox"/> Stage Management	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
	Work-based Learning Opportunities After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Relevant High School Intra-Curricular/Co-Curricular Experiences Career and Technical Student Organization: <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA Other high school activities: <input type="checkbox"/> Art Club <input type="checkbox"/> Video Club	Graduation Exams ___ U.S. Constitution ___ MO Constitution	
Career Enhancement Options				

CAREER PATH: BUSINESS, MANAGEMENT & TECHNOLOGY



CAREER CLUSTER: Information Technology, Marketing, Business Management & Administration, Finance

CAREER PATHWAY: Network Systems, Web and Digital Communications, Programming and Software Development, Information Support and Services, Marketing Management, Professional Sales, Merchandising, Marketing Communications, Marketing Research, General Management, Human Resources Management, Business Information Management, Administration Support, Operations Management, Securities and Investments, Business Finance, Banking Services, Insurance, Accounting

RELATED OCCUPATIONS: Business Consultant, Human Resources Manager, Office Manager, Buyer/Planner, Budget Analyst, Entrepreneur, Receptionist, Accountant, Investment Advisor, Economist, Adjuster, Credit Analyst, Underwriter,, Computer Programmer, Computer /Information Systems Manager, Network Systems Analyst, Technical Writer, Game Programmer, 3-D Animator, Web Designer, Information Technology Engineer, Advertising/Marketing Manager, Franchisee, Merchandise Buyer,

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	Geography & American Government or Advanced Government and Political Analysis	World History or AP European History	US History, AP US History or American History 101 & American History 102	
	PE/Health	PE		
				Personal Finance

Real Estate Agent, Public Relations Director, Sales Manager. For more occupations visit: www.missouriconnections.org and www.missourieconomy.org

Career Major Coursework				
High School	ART Art History BUSINESS & TECHNOLOGY Computer Applications Advanced Computer Applications Desktop/Multimedia Communications Introduction to Business AP Computer Science Video Technology Video Production Sports & Entertainment Marketing Business & Personal Law Accounting I Accounting Principles I	Marketing I / II Marketing Principles 205 Business Technology / Word Processing Business Technology-Work Release Business Ownership & Management COMMUNICATION ARTS Journalism Yearbook I / II Newspaper I / II Communications I English IV English 110 / 214 AP English FOREIGN LANGUAGE Two years same language, minimum	MATHEMATICS Pre AP/AP Calculus College Algebra College Trigonometry College Statistics College Business Calculus PROJECT LEAD THE WAY Introduction to Engineering Design Principles of Engineering Digital Electronics OTHER Agricultural Science I / II Animal Science	ROTC Aerospace I, II, III, IV Drill & Ceremonies SCIENCE Chemistry I / II or Pre AP / AP Chem Physics / AP Physics SOCIAL STUDIES Economics Psychology Sociology I & II MUSIC Band/Orchestra/Choir
	Area Career Center available Jr/Sr years Career & Technology Center <input type="checkbox"/> Computer Aided Design Technology <input type="checkbox"/> Computer Support Services <input type="checkbox"/> Entrepreneurial Studies Summit Technology Academy <input type="checkbox"/> Network Security <input type="checkbox"/> IT Essentials <input type="checkbox"/> Computer Integrated Manufacturing	Community College <input type="checkbox"/> Accounting <input type="checkbox"/> Business Administrative Systems <input type="checkbox"/> Business Systems Technology <input type="checkbox"/> Data Management <input type="checkbox"/> Management	*College/University <input type="checkbox"/> Accounting <input type="checkbox"/> Business or Administrative Management <input type="checkbox"/> Business Communication <input type="checkbox"/> Business Education <input type="checkbox"/> Education <input type="checkbox"/> Entrepreneurship <input type="checkbox"/> Human Resources Management <input type="checkbox"/> International Business <input type="checkbox"/> Management <input type="checkbox"/> Office Information Systems <input type="checkbox"/> Production and Operation Mgmt <input type="checkbox"/> Public Affairs	Other <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
Postsecondary	Work-based Learning Opportunities After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Relevant High School Intra-Curricular/Co-Curricular Experiences Career and Technical Student Organization: <input type="checkbox"/> FBLA <input type="checkbox"/> DECA <input type="checkbox"/> FCCLA Other high school activities:	Graduation Exams ___ U.S. Constitution ___ MO Constitution	
	Career Enhancement Options			

CAREER PATH: HEALTH SERVICES



CAREER CLUSTER: Health Sciences

CAREER PATHWAY: Biotechnology Research & Development, Therapeutic Services, Diagnostics Services, Health Services, Support Services

RELATED OCCUPATIONS: Anesthesiologist, Athletic Trainer, Dentist, Dental Hygienist, Occupational Therapist, Paramedic, Pharmacist, Physical Therapist, Physician, Radiologist, Surgeon, Geneticist, Medical Lab Technician, Microbiologist, Medical Scientist, Cardiologist Technician, Health Care Administrator, Medical Social Worker, Biomedical/Clinical Engineer, Medical Equipment Repair. For more occupations visit: www.missouriconnections.org or www.missourieconomy.org

Blue Springs School District Personal Plan of Study

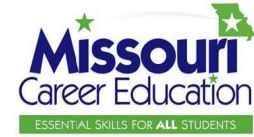
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	PE/Health	PE		
				Personal Finance

Additional requirements by graduation year are:

2012: 1 credit Science; 1 credit math; 1 credit Communication Arts; 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class.)

Career Major Coursework				
High School	ART Art History BUSINESS & TECHNOLOGY Computer Applications Desktop/Multimedia Communications Introduction to Business Business & Personal Law Accounting I Principles of Accounting I MUSIC Band/Orchestra/Choir Music Appreciation	COMMUNICATION ARTS English IV English 110 / 214 AP English FAMILY AND CONSUMER SCIENCE Child Development Nutrition and Wellness FOREIGN LANGUAGE Two years same language, minimum PROJECT LEAD THE WAY Principles of Biomedical Science Body Systems Medical Interventions/Biomedical Innovation	MATHEMATICS Pre AP / AP Calculus College Algebra College Trigonometry OTHER Agriculture Science I / II Animal Science PHYSICAL EDUCATION Physical Fitness Fitness & Wellness Aerobics & Weightlifting Aerobics Plus ROTC Aerospace I, II, III, IV Drill & Ceremonies	SCIENCE Pre-AP / AP Biology Chemistry I / II or Pre-AP / AP Chemistry Physics / AP Physics Microbiology Anatomy & Physiology Applied Bio-Chem Technology SOCIAL STUDIES Sociology I & II Psychology Economics Contemporary Issues
	Postsecondary	<i>Area Career Center available Jr/Sr years</i>	<i>Community College</i>	<i>*College/University</i>
	CTC <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Fire Science Technology <input type="checkbox"/> Health Occupations Summit Technology <input type="checkbox"/> Introduction to Health Science & Bio-Technology <input type="checkbox"/> Pre-Nursing Center of Excellence	<input type="checkbox"/> Biotechnology <input type="checkbox"/> Dental Assistant <input type="checkbox"/> Dental Hygienist <input type="checkbox"/> EMT/Paramedic <input type="checkbox"/> Health Information Technology <input type="checkbox"/> Licensed Practical Nurse <input type="checkbox"/> Mortuary Science <input type="checkbox"/> Occupational Therapy Assisting <input type="checkbox"/> Physical Therapist Assistant <input type="checkbox"/> Professional Nursing <input type="checkbox"/> Radiology Technologist <input type="checkbox"/> Respiratory Care <input type="checkbox"/> Surgical Technology	<input type="checkbox"/> Athletic Training <input type="checkbox"/> Biologist <input type="checkbox"/> Dentist <input type="checkbox"/> Dietetics <input type="checkbox"/> Education <input type="checkbox"/> Healthcare Administration <input type="checkbox"/> Pharmacist <input type="checkbox"/> Physical Therapy <input type="checkbox"/> Physician <input type="checkbox"/> Registered Nursing <input type="checkbox"/> Social Work <input type="checkbox"/> Veterinary Science	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
Career Enhancement Options	Work-based Learning Opportunities After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Relevant High School Intra-Curricular/Co-Curricular Experiences Career and Technical Student Organization: <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA Other high school activities: <input type="checkbox"/> Pre-Professional Club		Graduation Exams ___ U.S. Constitution ___ MO Constitution

CAREER PATH: HEALTH SERVICES



CAREER CLUSTER: Health Sciences

CAREER PATHWAY: Biotechnology Research & Development, Therapeutic Services, Diagnostics Services, Health Services, Support Services

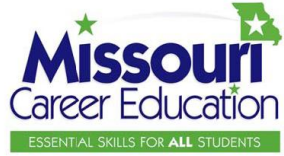
RELATED OCCUPATIONS: Anesthesiologist, Athletic Trainer, Dentist, Dental Hygienist, Occupational Therapist, Paramedic, Pharmacist, Physical Therapist, Physician, Radiologist, Surgeon, Geneticist, Medical Lab Technician, Microbiologist, Medical Scientist, Cardiologist Technician, Health Care Administrator, Medical Social Worker, Biomedical/Clinical Engineer, Medical Equipment Repair. For more occupations visit: www.missouriconnections.org or

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	PE/Health	PE		
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Additional requirements by graduation year are:				
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Career Major Coursework				
High School	<p>ART Art History</p> <p>BUSINESS & TECHNOLOGY Computer Applications Desktop/Multimedia Communications Introduction to Business Business & Personal Law Accounting I Principles of Accounting I</p> <p>MUSIC Band/Orchestra/Choir Music Appreciation</p>	<p>COMMUNICATION ARTS English IV English 110 / 214 AP English</p> <p>FAMILY AND CONSUMER SCIENCE Child Development Nutrition and Wellness</p> <p>FOREIGN LANGUAGE Two years same language, minimum</p> <p>PROJECT LEAD THE WAY Principles of Biomedical Science Body Systems Medical Interventions/Biomedical Innovation</p>	<p>MATHEMATICS Pre AP / AP Calculus College Algebra College Trigonometry</p> <p>OTHER Agriculture Science I / II Animal Science</p> <p>PHYSICAL EDUCATION Physical Fitness Fitness & Wellness Aerobics & Weightlifting Aerobics Plus</p> <p>ROTC Aerospace I, II, III, IV Drill & Ceremonies</p>	<p>SCIENCE Pre-AP / AP Biology Chemistry I / II or Pre-AP / AP Chemistry Physics / AP Physics Microbiology Anatomy & Physiology Applied Bio-Chem Technology</p> <p>SOCIAL STUDIES Sociology I & II Psychology Economics Contemporary Issues</p>
	Postsecondary	<i>Area Career Center available Jr/Sr years</i>	<i>Community College</i>	<i>*College/University</i>
<p>CTC</p> <ul style="list-style-type: none"> <input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Fire Science Technology <input type="checkbox"/> Health Occupations <p>Summit Technology</p> <ul style="list-style-type: none"> <input type="checkbox"/> Introduction to Health Science & Bio-Technology <input type="checkbox"/> Pre-Nursing Center of Excellence 		<ul style="list-style-type: none"> <input type="checkbox"/> Biotechnology <input type="checkbox"/> Dental Assistant <input type="checkbox"/> Dental Hygienist <input type="checkbox"/> EMT/Paramedic <input type="checkbox"/> Health Information Technology <input type="checkbox"/> Licensed Practical Nurse <input type="checkbox"/> Mortuary Science <input type="checkbox"/> Occupational Therapy Assisting <input type="checkbox"/> Physical Therapist Assistant <input type="checkbox"/> Professional Nursing <input type="checkbox"/> Radiology Technologist <input type="checkbox"/> Respiratory Care <input type="checkbox"/> Surgical Technology 	<ul style="list-style-type: none"> <input type="checkbox"/> Athletic Training <input type="checkbox"/> Biologist <input type="checkbox"/> Dentist <input type="checkbox"/> Dietetics <input type="checkbox"/> Education <input type="checkbox"/> Healthcare Administration <input type="checkbox"/> Pharmacist <input type="checkbox"/> Physical Therapy <input type="checkbox"/> Physician <input type="checkbox"/> Registered Nursing <input type="checkbox"/> Social Work <input type="checkbox"/> Veterinary Science 	<ul style="list-style-type: none"> <input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
Career Enhancement Options	Work-based Learning Opportunities	Relevant High School Intra-Curricular/Co-Curricular Experiences		Graduation Exams
	<p>After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning</p>	<p>Career and Technical Student Organization:</p> <ul style="list-style-type: none"> <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <p>Other high school activities:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Pre-Professional Club 		<p>___ U.S. Constitution</p> <p>___ MO Constitution</p>

CAREER PATH: INDUSTRIAL & ENGINEERING TECHNOLOGY



CAREER CLUSTER: Transportation, Distribution & Logistics, Science, Technology, Engineering & Mathematics, Manufacturing, Architecture & Construction

CAREER PATHWAYS: Transportation Operations, Logistics, Planning And Management Services, Warehousing And Distribution Center Operations, Facility And Mobile Equipment Maintenance, Transportation Systems And Infrastructure Planning, Management And Regulation, Health, Safety And Environmental Management, Sales And Services, Engineering And Technology, Science And Math, Production, Manufacturing Production Process Development, Health, Safety And Environmental Assurance, Quality Assurance, Maintenance, Installation And Repair, Logistics And Inventory Control, Design And Construction, Maintenance And Operations

RELATED OCCUPATIONS: Chemical Engineer, Civil Engineer, Electrical Engineer, Mining Engineer, Nuclear Engineer, CAD Operator, Economist, Geologist, Math Teacher, Science Teacher, Zoologist, Pilot Air Traffic Controller, Logistician, Aircraft Mechanic, Automobile Service Technician, Industrial Health and Safety Engineer, Sales Manager, Design Engineer, Electronic Engineer, Inspector, Machinist, Welder, Architect, Carpenter, For more occupations visit: www.missouriconnections.org and/or www.missourieconomy.org

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	PE/Health	PE		
				Personal Finance

Career Major Coursework				
High School	ART Design Fundamentals Art History Drawing I, II Painting I, II Photography I, II 3D Design Ceramics I, II Fibers Portfolio I, II BUSINESS & TECHNOLOGY Computer Applications Desktop/Multimedia Communications COMMUNICATION ARTS English IV English 110 / 214 AP English Communications I	FOREIGN LANGUAGE Two years same language, minimum INDUSTRIAL/TECHNICAL EDUCATION General Metals Metals Technology Drafting Fundamentals Mechanical Drawing I / II Architectural Drawing CAD I & II General Woodworking I / II Advanced Woodworking Small Engine Repair Home Maintenance & Repair Construction Technology MUSIC Band/Orchestra/Choir	MATHEMATICS Pre AP/AP Calculus College Algebra College Trigonometry College Statistics College Business Calculus PROJECT LEAD THE WAY Introduction to Engineering Design Principles of Engineering Digital Electronics Computer Integrated Manufacturing (Summit Tech)	ROTC Aerospace I, II, III, IV Drill & Ceremonies SCIENCE Chemistry I / II or Pre AP / AP Chem Physics / AP Physics Applied Bio-Chem Technology
	Postsecondary	Area Career Center available Jr/Sr years	Community College	*College/University
	<input type="checkbox"/> Network Security <input type="checkbox"/> Auto Collision Technology <input type="checkbox"/> Auto Mechanics Technology <input type="checkbox"/> Construction Trades Technology <input type="checkbox"/> Computer Support Services <input type="checkbox"/> Elements of Engineering <input type="checkbox"/> Horticulture & Landscape Mgmt. <input type="checkbox"/> Intro to Health Science & BioTech	<input type="checkbox"/> Audio Engineering Technology <input type="checkbox"/> Automotive Technology <input type="checkbox"/> Construction Management <input type="checkbox"/> Drafting and CAD <input type="checkbox"/> Electronics Technology <input type="checkbox"/> Engineering Technology <input type="checkbox"/> HVAC-R <input type="checkbox"/> Housing & Interior Design <input type="checkbox"/> Land Surveying <input type="checkbox"/> Power Plant Operations <input type="checkbox"/> Railroad Operations	<input type="checkbox"/> Architecture <input type="checkbox"/> Civil Engineering <input type="checkbox"/> Construction Management <input type="checkbox"/> Education <input type="checkbox"/> Electrical Engineering <input type="checkbox"/> Industrial Technology <input type="checkbox"/> Urban Planning	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
Career Enhancement Options	Work-based Learning Opportunities After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Relevant High School Intra-Curricular/Co-Curricular Experiences Career and Technical Student Organization: <input type="checkbox"/> FBLA <input type="checkbox"/> Skills USA Other high school activities: <input type="checkbox"/> Robotics	Graduation Exams	
			___ U.S. Constitution ___ MO Constitution	

CAREER PATH: NATURAL RESOURCES AGRICULTURE



CAREER CLUSTER: Agriculture, Food & Natural Resources

CAREER PATHWAY: Agribusiness Systems, Animal Systems, Food Products & Processing Systems, Natural Resources & Environmental Services Systems, Power, Structural & Technical Systems, Plant Systems

RELATED OCCUPATIONS: Chemical Technician, Environmental Compliance Manager, Fisheries Manager, Forest Manager, Meteorologist, Agricultural Technologist, Biochemist, Food and Drug Inspector, Microbiologist, Agricultural Economist, International Agri-Marketing Specialist, Animal Geneticist, Veterinarian, Botanist, Landscape and Grounds manager, Tree Surgeon, Soil and Water Specialist. For more occupations visit: www.missouriconnections.org and/or www.missourieconomy.org

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	PE/Health	(PE)		
				Personal Finance
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Career Major Coursework				
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	Area Career Center <i>available Jr/Sr years</i>	Community College	*College/University	Other
Postsecondary	Career & Technology Center <input type="checkbox"/> CAD Technology <input type="checkbox"/> Construction Trades <input type="checkbox"/> Health Occupations <input type="checkbox"/> Horticulture & Landscape Mgmt. Summit Technology <input type="checkbox"/> Intro to Health Science	<input type="checkbox"/> Agricultural Business <input type="checkbox"/> Agricultural Mechanics <input type="checkbox"/> Biotechnology <input type="checkbox"/> Commercial Turf & Golf Course Management <input type="checkbox"/> Custom Application Technology <input type="checkbox"/> Equine Science <input type="checkbox"/> Farm Management <input type="checkbox"/> Horticulture <input type="checkbox"/> Natural Resources <input type="checkbox"/> Veterinary Technology	<input type="checkbox"/> Agricultural Business Management, Economics, Education, Journalism or Systems Management <input type="checkbox"/> Biochemistry <input type="checkbox"/> Fisheries and Wildlife <input type="checkbox"/> Food Science and Nutrition <input type="checkbox"/> Forestry <input type="checkbox"/> Hotel and Restaurant Management <input type="checkbox"/> Parks, Recreation, and Tourism <input type="checkbox"/> Plant Science <input type="checkbox"/> Soil and Atmospheric Sciences	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
	Work-based Learning Opportunities After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Relevant High School Intra-Curricular/Co-Curricular Experiences Career and Technical Student Organization: <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA Other high school activities:		Graduation Exams ___ U.S. Constitution ___ MO Constitution
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