

Student Name (print): _____
 Student Signature: _____
 Graduation Year: _____



Date Reviewed:
 9th _____
 10th _____
 11th _____
 12th _____

CAREER PATH: ARTS & COMMUNICATION

CAREER CLUSTER: (Circle 1) 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 News 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 information visit: www.missouriconnections.org and/or www.bssd.net

Blue Springs School District: Program of Study

High School	9 th Grade	10 th Grade	11 th Grade	12 th Grade
	English I or English I Literature & Comp or English A	English II or World Literature & Comp or English B	English III or AP English Language or English C	English IV or equivalent course(s) or English D
	Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General 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 or Personal Finance Fundamentals
	Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as supportive services.			

Parent Signature _____

I have reviewed and approve of my student's Personal Plan of Study

Career Major Coursework				
High School	ART Design Fundamentals Art History Drawing I, II Painting I, II Photography I, II 3D Design Ceramics I, II Portfolio I, II BUSINESS & TECHNOLOGY Introduction to Business Computer Applications Graphic Design Video Production & Broadcasting I Video Production & Broadcasting II	COMMUNICATION ARTS Journalism Yearbook I / II Newspaper I / II Debate Forensics Theatre / Directing Communications I English 110 / 214 / AP Introduction to College Writing Modern Literature Creative Writing I / II Modern Non-Fiction FCS Discovering FCS Housing Environments & Design Fashion & Apparel I / II	FOREIGN LANGUAGE Two years same language, minimum INDUSTRIAL/TECHNICAL EDUCATION General Metals Metals Technology Drafting Fundamentals I 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 Prep/College Algebra College Business Calculus Advanced Algebra	Engineering – PLTW Introductions to Engineering Principles of Engineering 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 <input type="checkbox"/> Computer Assisted Design Tech <input type="checkbox"/> Construction Trades Tech <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Horticulture & Landscape Mgmt	Community College <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	*College/University <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	Other <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"/> FCCLA <input type="checkbox"/> FBLA Other high school activities: <input type="checkbox"/> Art Club <input type="checkbox"/> Video Club <input type="checkbox"/> Quill & Scroll Club <input type="checkbox"/> Literary Allusions <input type="checkbox"/> Mind's Eye <input type="checkbox"/> Drama Club		Exams ___U.S. Constitution ___MO Constitution ___PLAN ___PSAT ___ACT ___COMPASS

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CAREER PATH: BUSINESS, MANAGEMENT & TECHNOLOGY

CAREER CLUSTER: (Circle 1) 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, Real Estate Agent, Public Relations Director, Sales Manager. For more information visit: www.missouriconnections.org and/or www.bssd.net

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	Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General 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 or Personal Finance Fundamentals

Additional requirements to those listed above are:
 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class) for a total of 24 credits.
 There may be additional courses that fulfill requirements such as supportive services.

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Career Major Coursework				
High School	ART Art History BUSINESS & TECHNOLOGY Computer Applications Advanced Computer Applications Graphic Design Introduction to Business AP Computer Science Video Production & Broadcasting I Video Production & Broadcasting II 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 Entrepreneurship 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 Prep/College Algebra College Trigonometry College Statistics College Business Calculus MUSIC Band/Orchestra/Choir OTHER Agricultural Science I / II Principles of Animal Science Intro to Veterinary Technology	PROJECT LEAD THE WAY Introduction to Engineering Design Principles of Engineering Digital Electronics Engineering Design & Development ROTC Aerospace 100, 150, 200, 300, 400, 500 SCIENCE Chemistry I / II or Pre AP / AP Chem Physics / AP Physics SOCIAL STUDIES Economics Psychology Sociology I & II
	Postsecondary	<i>Area Career Center available Jr/Sr years</i> <input type="checkbox"/> Career & Technology Center <input type="checkbox"/> Computer Aided Design Technology <input type="checkbox"/> Computer Support Specialist <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Summit Technology Academy <input type="checkbox"/> Network Security <input type="checkbox"/> IT Essentials <input type="checkbox"/> Computer Integrated Manufacturing	<i>Community College</i> <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	<i>*College/University</i> <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
Career Enhancement Options		<i>Work-based Learning Opportunities</i> After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	<i>Relevant High School Intra-Curricular/Co-Curricular Experiences</i> Career and Technical Student Organization: <input type="checkbox"/> FBLA <input type="checkbox"/> DECA <input type="checkbox"/> FCCLA Other high school activities:	

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CAREER PATH: HEALTH SERVICES

CAREER CLUSTER: Health Sciences

CAREER PATHWAY: (Circle 1) 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 information visit:

www.missouriconnections.org and/or www.bssd.net

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	English I or English I Literature & Comp or English A	English II or World Literature & Comp or English B	English III or AP English Language or English C	English IV or equivalent course(s) or English D
	Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General 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 or Personal Finance Fundamentals
Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as supportive services.				

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		Career Major Coursework				
		ART Art History BUSINESS & TECHNOLOGY Computer Applications Graphic Design Introduction to Business Business & Personal Law Accounting I Principles of Accounting I COMMUNICATION ARTS English IV English 110 / 214 AP English	FCS Child Development Nutrition and Wellness FOREIGN LANGUAGE Two years same language, minimum MATHEMATICS Pre AP / AP Calculus College Algebra Prep/College Algebra College Trigonometry College Statistics MUSIC Band/Orchestra/Choir Music Appreciation	OTHER Agriculture Science I/II Principles of Animal Science Intro to Veterinary Technology PHYSICAL EDUCATION Physical Fitness Fitness & Wellness Aerobics & Weightlifting Aerobics Plus Biomedical-PLTW Principles of Biomedical Science Human Body Systems Medical Interventions Medical Innovation	ROTC Aerospace 100, 150, 300, 400, 500 SCIENCE Pre-AP / AP Biology Chemistry I / II or Pre-AP / AP Chemistry Physics / AP Physics Microbiology Anatomy & Physiology CSI-Conducting Science Investigations SOCIAL STUDIES Sociology I & II Psychology Economics Contemporary Issues	
High School						
Postsecondary	<i>Area Career Center available Jr/Sr years</i>	<i>Community College</i>	<i>*College/University</i>	<i>Other</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		Exams ___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS		

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CAREER PATH: HUMAN SERVICES

CAREER CLUSTER: (Circle 1) Human Services, Hospitality & Tourism, Government & Public Administration, Law, Public Safety, Corrections & Security, Education & Training

CAREER PATHWAY: Early Childhood Development & Services, Counseling & Mental Health Services, Family & Community Services, Personal Care Services, Consumer Services, Restaurants & Food Beverage Services, Recreation, Amusement & Attractions, Travel & Tourism, Public Management & Administration, Governance, National Security, Foreign Service, Revenue & Taxation, Correction Services, Emergency & Fire Management Services, Security & Protective Services, Law Enforcement Services, Legal Services, Administration & Support, Professional Support Services, Teaching & Training

RELATED OCCUPATIONS: Childcare Facility Director, Sociologist, Substance Abuse Counselor, Social Worker, Fitness Trainer, Hairdresser, Massage Therapist, Insurance Representative, Emergency Medical Technician, Firefighter, Forensic Science Technician, Criminal Investigator, Police Officer, Corrections Officer, Attorney, Judge, Legal Assistant, Court Reporter, City Manager, Assessor, Tax Attorney, Combat Aircraft Pilot, Intelligence Agent, Aviation Officer, Bank Examiner, Legislator, Chef, Food Service Manager, Travel Agent, Director Sales and Marketing, Counselor, Psychologist, Teacher. For more information visit: www.missouriconnections.org and/or www.bssd.net

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	Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General 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 or Personal Finance Fundamentals
	Additional requirements to those listed above are: 1 credit Practical Art; 1 credit Fine Art; 7 electives (must include ½ credit in technology & ½ credit in a speech class) for a total of 24 credits. There may be additional courses that fulfill requirements such as supportive services.			

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Career Major Coursework				
High School	BUSINESS & TECHNOLOGY Introduction to Business Computer Applications Advanced Computer Applications Graphic Design Video Production & Broadcasting I Video Production & Broadcasting II Business & Personal Law Business Technology Marketing I & II /Sports Entertainment & Marketing Entrepreneurship Accounting I Accounting Principles I COMMUNICATION ARTS Journalism Photojournalism Yearbook I / II Newspaper I / II	Debate I, II, III, IV Forensics I, II, III, IV Theatre Study Advanced Theatre Study English 110 / 214 / AP Creative Writing I / II Communications I Modern non-fiction FCS Discovering FCS Nutrition and Wellness Culinary Skills I / II World Foods Child Development Child Care & Guidance Housing Environments & Design Family Relations Fashion and Apparel I / II	FOREIGN LANGUAGE Two years same language, minimum INDUSTRIAL/TECHNICAL EDUCATION Home Maintenance & Repair MATHEMATICS Pre-AP / AP Calculus College Statistics College Algebra College Trigonometry MUSIC Band/Orchestra/Choir PHYSICAL EDUCATION Recreational Sports Outdoor Education Social Dance OTHER Cadet Exploratory Teaching	ROTC Aerospace 100, 150, 200, 300,400, 500 SCIENCE Applied Bio-Chem Technology Chemistry I / II or Pre AP / AP Chemistry Biology II or Pre AP / AP Biology Physics I / AP Physics Microbiology Anatomy & Physiology SOCIAL STUDIES World Religions Sociology I & II Psychology Contemporary Issues Economics Global Issue Minorities in American History
	Area Career Center available Jr/Sr years	Community College	*College/University	Other
Postsecondary	<input type="checkbox"/> Emergency Medical Technician <input type="checkbox"/> Entrepreneurial Studies <input type="checkbox"/> Fire Science <input type="checkbox"/> Health Occupations <input type="checkbox"/> Horticulture/Landscape Mgmt. <input type="checkbox"/> Intro to Health Science & Biotech <input type="checkbox"/> Nail Technology <input type="checkbox"/> Pre-Nursing Program	<input type="checkbox"/> Family Services & Child Development <input type="checkbox"/> Mortuary Science <input type="checkbox"/> Psychology <input type="checkbox"/> Sociology <input type="checkbox"/> Sales & Customer Services	<input type="checkbox"/> Early Childhood Education <input type="checkbox"/> Education <input type="checkbox"/> Elementary Education <input type="checkbox"/> Industrial Organizational Psychology <input type="checkbox"/> Marriage & Family Counseling <input type="checkbox"/> Social Work <input type="checkbox"/> Sociology	<input type="checkbox"/> Apprenticeship <input type="checkbox"/> Military <input type="checkbox"/> On-the-Job Training
	Work-based Learning Opportunities	Relevant High School Intra-Curricular/Co-Curricular Experiences	Exams	
Career Enhancement Options	After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Career and Technical Student Organization: <input type="checkbox"/> DECA <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA Other high school activities: <input type="checkbox"/> FTA	___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS	

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CAREER PATH: INDUSTRIAL & ENGINEERING TECH

CAREER CLUSTER: (Circle 1) 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 information visit: www.missouriconnections.org and/or www.bssd.net

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	Algebra A, Algebra I, Algebra Concepts or Geometry	Algebra B, Geometry, Tech Geometry, Geometry Concepts or Algebra II	3 rd Math	
	Physical Science or Accelerated Physical & Biological Science	Biology I, Pre-AP Biology or General 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 or Personal Finance Fundamentals
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Career Major Coursework				
High School	ART Design Fundamentals Art History Drawing I, II Painting I, II Photography I, II 3D Design Ceramics I, II Portfolio I, II BUSINESS & TECHNOLOGY Computer Applications Graphic Design COMMUNICATION ARTS English IV English 110 / 214 AP English	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	MATHEMATICS Pre AP/AP Calculus College Algebra College Trigonometry College Statistics College Business Calculus MUSIC Band/Orchestra/Choir Engineering-PLTW Introduction to Engineering Design Principles of Engineering Digital Electronics Engineering Design & Development	ROTC Aerospace 100, 150, 200, 300, 400, 500 SCIENCE Chemistry I / II or Pre AP / AP Chem Physics / AP Physics Applied Bio-Chem Technology SPEECH Communications I
	Postsecondary	Area Career Center available Jr/Sr years <input type="checkbox"/> Advanced Networking Admin. <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"/> Electronics Technology <input type="checkbox"/> Elements of Engineering <input type="checkbox"/> Horticulture & Landscape Mgmt. <input type="checkbox"/> Intro to Health Science & BioTech <input type="checkbox"/> IT Essentials I	Community College <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	*College/University <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
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	Exams ___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS	

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CAREER PATH: NATURAL RESOURCES AGRICULTURE

CAREER CLUSTER: (Circle 1) 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 information visit: www.missouriconnections.org and/or www.bssd.net

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Career Major Coursework				
High School	ART Design Fundamentals I BUSINESS & TECHNOLOGY Introduction to Business Computer Applications Advanced Computer Applications Graphic Design Marketing Entrepreneurship Accounting COMMUNICATION ARTS Journalism English IV English 110 / 214 AP English	FCS Discovering FCS Nutrition and Wellness Culinary Skills I / II World Foods FOREIGN LANGUAGE Two years same language, minimum INDUSTRIAL/TECHNICAL EDUCATION Home Maintenance & Repair Small Engine Repair General Metals Construction Technology Metals Technology Drafting Fundamentals Mechanical Drawing I & II Architectural Drawing CAD I & II General Woodworking I / II Advanced Woodworking	MATH College Algebra College Trigonometry College Statistics Pre-AP / AP Calculus College Business Calculus MUSIC Band/Orchestra/Choir OTHER Agriculture Science I / II Principles of Animal Science Intro to Veterinary Technology Horticulture Landscaping PHYSICAL EDUCATION Physical Fitness Swimming Outdoor Education	Biomedical-PLTW Principles of Biomedical Science Human Body Systems Medical Interventions Biomedical Innovation ROTC Aerospace 100, 150, 200, 300, 400, 500 SCIENCE Pre AP / AP Biology Chemistry II or Pre AP / AP Chem Physics I / AP Physics Anatomy & Physiology CSI-Conducting Science Investigations Microbiology Environmental Science / AP Env Science Geology Astronomy & Meteorology SOCIAL STUDIES Contemporary Issues Economics
	Postsecondary	<i>Area Career Center available Jr/Sr years</i>	<i>Community College</i>	<i>*College/University</i>
	Career & Technology Center <input type="checkbox"/> CAD Technology <input type="checkbox"/> Construction Trades <input type="checkbox"/> Health Occupations <input type="checkbox"/> Ag Productions Summit Technology <input type="checkbox"/> Digital Video Media <input type="checkbox"/> Pre-Professional Nursing <input type="checkbox"/> Medical Interventions/Biomedical Innovations	<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
Career Enhancement Options	Work-based Learning Opportunities	Relevant High School Intra-Curricular/Co-Curricular Experiences		Graduation Exams
	After School Employment Cooperative Occupational Experience Internship/Mentorship Job-Shadowing On-The-Job Training Service Learning	Career and Technical Student Organization: <input type="checkbox"/> FFA <input type="checkbox"/> FCCLA <input type="checkbox"/> FBLA Other high school activities:		___ U.S. Constitution ___ MO Constitution ___ PLAN ___ PSAT ___ ACT ___ COMPASS

