

Festus Middle School

Course Description

Guide



2019-2020

Festus Middle School
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Course Description Guide

Introduction

The purpose of this booklet is to inform you and your parents of some basic information about the courses offered at Festus Middle school. Festus Middle School's main purpose is to prepare students for a successful entrance into high school while addressing their physical, emotional and intellectual needs as adolescents.

You will note that academic classes are required. All students are required to take PE and Literacy for one semester as well as Health for one quarter. The exploratory classes include: Family and Consumer Science, Technology, Art, Band, Choir, Debate, IED, Yearbook, Current Events, Library Aid, and French. Some courses are taught at different levels of difficulty. This is to provide the students with opportunities to be successful in areas commensurate with their abilities.

It is not too early to begin thinking about college and careers. College entrance requirements are becoming more restrictive each year and early planning is almost an absolute. Our school counselor will help guide you through the process.

Opportunities to Earn High School Credit

FMS offers two courses where an 8th grade student can receive High School credit while enrolled in the Middle School. Both French I and Algebra I are classes where students will receive high school credit on their transcript once they have successfully completed this course. The grade received in these course will directly impact the student's GPA for High School.

Career Paths and Career Clusters

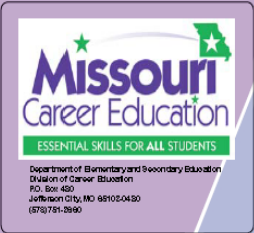
Students at Festus Middle School are encouraged to choose courses based on their identified career cluster. Career clusters can be identified by taking the Career Cluster Inventory through Missouri Connections or by self-identification. Students at Festus Middle School begin looking into these career clusters during their 6th grade year.

Missouri has identified six Career Paths as a way to help students become aware of and explore careers in a logical and meaningful way. Those six Career Paths are: Arts & Communications; Business, Management & Technology; Health Services; Human Services; Industrial & Engineering Technology; and Natural Resources & Agriculture.

Missouri uses 16 Career Clusters as a way of organizing occupations and careers to assist educators in tailoring rigorous coursework and related activities for all students. The Career Clusters include all occupations, even those not usually found in career and technical education. The 16 Career Clusters are: Health Science; Arts, A/V Technology & Communications; Information Technology; Marketing, Sales & Service; Finance; Business, Management & Administration; Agriculture, Food & Natural Resources; Education & Training; Law, Public Safety, Corrections & Security; Government & Public Administration; Hospitality & Tourism; Human Services; Transportation, Distribution & Logistics; Manufacturing; Architecture & Construction; Science, Technology, Engineering & Mathematics.

FIND YOUR FUTURE IN Career Paths & Career Clusters

WWW.MISSOURICONNECTIONS.ORG



Course Descriptions

English Language Arts



FULL YEAR COURSES

ELA (7)
Advanced ELA (7)
ELA (8)
Advanced ELA (8)

SEMESTER REQUIRED COURSES

Literacy (7 & 8)

ELA (7) This course is a comprehensive reading and writing class for seventh grade students. Reading skills and strategies are taught with an emphasis on improving comprehension and analysis of various fiction and nonfiction texts. Writing skills are also emphasized through a variety of writing assignments, strengthening students' abilities to write with a purpose.

Course Type	Full Year Course	Prerequisite	None
Course Number	M1701/M1702		

ADVANCED ELA (7) Students will fulfill all requirements of ELA (7) but at a more advanced rate. In addition, the Advanced ELA (7) student will be required to do more written work, read more short stories and novels, and participate in more projects. The Advanced ELA (7) student will be challenged to think at higher levels and meet higher expectations.

Course Type	Full Year Course	Prerequisite	ADV ELA requirements
Course Number	M1711/M1712		

ELA (8) This course is a comprehensive literature and language class for eighth grade students. Language study and reading are taught with an emphasis on improving comprehension and analysis of various fiction and nonfiction texts to prepare students for high school. Writing assignments focus on the development of logical coherent pieces with appropriate support for claims.

Course Type	Full Year Course	Prerequisite	None
Course Number	M1801/M1802		

ADVANCED ELA 8 Students will fulfill all requirements of ELA (8) but at a more advanced rate. In addition, the Advanced ELA (8) student will be required to do more written work, read more short stories and novels, and participate in more projects. The Advanced ELA (8) student will be challenged to think at higher levels and meet higher expectations.

Course Type	Full Year Course	Prerequisite	ADV ELA requirements
Course Number	M1811/1812		

Literacy (7 & 8) This semester course is intended to be taken in addition to a core English course in seventh and eighth grade. Literacy is a course giving students the opportunity to explore various types of literature. Through literature, students learn and apply strategies that help them increase their vocabulary and improve their reading ability. Students then not only explore the characters and choices the characters make but also analyze both in their writing

Course Type	Semester Course	Prerequisite	None
Course Number	M1100		

Requirements for Advanced ELA:

Candidates must meet 4 out of the 5 following requirements.

- Score Advanced on state assessment in 2 most recent years available in ELA
- Score Advanced on state assessment in most recent year available in ELA
- Maintained an A or B in previous ELA course for both semesters
- Most recent two STAR reading scores were at or above grade level
- Has consistently met AR goal (at least 3 of 4 quarters) in 2 most recent years

Social Studies



FULL YEAR COURSES

World Cultures and Geography (7)

US History (8)

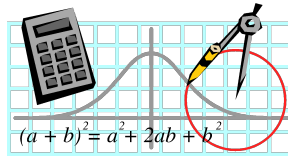
World Cultures and Geography (7) Students will compare and contrast regions of the world. Students will develop appreciation for diverse cultures and lifestyles of specific regions and how those lifestyles and cultures have changed the world around us. In addition, students will learn to both read and create maps that show their understanding of physical and political features of specific regions. Lastly, students will explore the history and governments of specific regions.

Course Type	Full Year Course	Prerequisite	None
Course Number	M2701/M2702		

US HISTORY (8) Students will develop questions and identify resources specific to the period of U.S. History spanning from the European colonization of the Americas until the election of President Grant. Students will evaluate and further use a wide range of primary documents to increase understanding and answer questions.

Course Type	Full Year Course	Prerequisite	None
Course Number	M2801/M2802		

Mathematics



FULL YEAR COURSES

Mathematics (7)

Pre-Algebra (7)

Pre-Algebra (8)

Algebra I (8)

Mathematics (7) This course is a general mathematics course designed to prepare students for pre-algebra. In this course, students extend previous mathematical understandings through application and discovery of new and efficient ways to solve problems. Students learn the following concepts: expressions, equations, inequalities; proportional relationships; areas, volumes, angle measures; and data comparison and analysis.

Course Type	Full Year Course	Prerequisite	None
Course Number	M3701/M3702		

PRE-ALGEBRA (7) Seventh grade students will be continue to develop number reasoning skills, building into real numbers and exponential expressions. Algebraic concepts will build into using the Pythagorean Theorem, solving linear equations, and graphing functions. Geometry will cover transformations, formulas for space figures and cross sections. Data analysis work includes scatter plots and two-way tables.

Course Type	Full Year Course	Prerequisite	Advanced Math requirements
Course Number	M3711/M3712		

PRE-ALGEBRA (8) Eighth grade students will be continue to develop number reasoning skills, building into real numbers and exponential expressions. Algebraic concepts will build into using the Pythagorean Theorem, solving linear equations, and graphing functions. Geometry will cover transformations, formulas for space figures and cross sections. Data analysis work includes scatter plots and two-way tables.

Course Type	Full Year Course	Prerequisite	none
Course Number	M3811/M3812		

ALGEBRA I This course expands on the concepts of number systems. Techniques used for simplifying expressions and solving equations are introduced or discovered throughout the course. All aspects of graphing linear equations and manipulating such graphs are introduced and thoroughly examined. Topics involving quadratic equations will be explored. This course will also introduce functions and examine their role in mathematics. **This course is a high school credit. The grade earned will be on a student's high school transcript and will be calculated as part of a student's high school GPA.**

Course Type	Full Year Course	Prerequisite	Advanced Math Requirements
Course Number	M3130	Credit	1 HS unit Math

Advanced Mathematics Requirements

Students must meet three of the four following criteria to qualify for advance placement.

Subject	Grade Entering	MAP	Subject Area Grade% (Avg S1/S2)	STAR Spring Administration Subject	Teacher Rec.
M A T H M A T I C S	7	<u>Option 1: Pre-Algebra(6th grade student currently enrolled in Advance Math 6)</u>			
		A performance level of Advanced on the 5 th grade MAP (to place) A performance level of Advanced on the 6 th grade MAP (to confirm placement)	A cumulative grade of 85% or above in ADV Math 6	85 or above PR in Mathematics	Yes
		<u>Option 2: Pre-Algebra (6th grade student not currently enrolled in Advance Math 6)</u>			
		A performance level of Advanced on the 5 th grade MAP (to place) A performance level of Advanced/Proficient on the 6 th grade MAP (to confirm placement)	A cumulative grade of 90% or above in Math 6	85 or above PR in Mathematics	Yes
	8	<u>Option 1: Algebra 1 (7th grade student currently enrolled in Pre-Algebra)</u>			
		A performance level of Advanced on the 6 th grade MAP (to place) A performance level of Advanced on the 7 th grade MAP (to confirm placement)	A cumulative grade of 85% or above in Pre-Algebra	85 or above PR in Mathematics	Yes
		<u>Option 2: Algebra 1 (7th grade student not currently enrolled in Pre-Algebra)</u>			
		A performance level of Advanced on the 6 th grade MAP (to place) A performance level of Advanced/Proficient on the 7 th grade MAP (to confirm placement)	A cumulative grade of 90% or above in Math 7	85 or above PR in Mathematics	Yes

Science



FULL YEAR COURSES

Science (7)

Science (8)

Science (7) The seventh grade science curriculum uses an integrated approach to general science that focuses on Physical Science, Earth Science and Astronomy. This course is aligned with the Missouri Science Learning Standards and will incorporate scientific inquiry and engineering practices that will provide a strong science foundation for upper level science classes.

Course Type	Full Year Course	Prerequisite	None
Course Number	M4701/M4702		

Science (8) In eighth grade science, students will study an array of unified science subjects, including chemistry, geology, biology, anatomy, and ecology. Eighth grade science acts as a jumping off point for subjects that will be studied further in depth at the high school level. Eighth grade science aims to set the foundation for a student's future science education.

Course Type	Full Year Course	Prerequisite	None
Course Number	M4801/M4802		

Health and Physical Education



SEMESTER COURSES

Physical Education (7 & 8)

QUARTER COURSES

Health (7)

Health (8)

Physical Education (7 & 8) This seventh and eighth grade course focuses on developing motor skills, knowledge and competency in sports and physical activities. This will be accomplished through Capture the Flag, Pirate ball, Kickball, Prison ball, Badminton, Floor Hockey, Wiffle Ball, and Physical Fitness. Our goal is that by presenting a variety of games and activities that the student(s) will develop, maintain and/or improve their overall well-being.

Course Type	Semester Course	Prerequisite	None
Course Number	M8000		

Health (7) This course will encourage students to recognize the immediate and future impact of their lifestyle choices. The physical, mental, and social aspects of health are emphasized in relation to the importance of maintaining healthy body systems. We will focus on the following topics: Decision making, peer pressure and refusal skills, managing stress, bullying and harassment, preventing and coping with abuse, suicide prevention, alcohol, nicotine products, and other drugs

Course Type	Quarter Course	Prerequisite	None
Course Number	M8700		

Health (8) This course will encourage students to recognize the immediate and future impact of their lifestyle choices. The physical, mental, and social aspects of health are emphasized in relation to the importance of maintaining healthy body systems. We will focus on the following topics: Skeletal, muscular, nervous, digestive, and excretory systems, eating disorders, endocrine and male/female reproductive systems, fetal development, sexually transmitted infections, dating, limits and abstinence

Course Type	Quarter Course	Prerequisite	None
Course Number	M8800		

Electives



FULL YEAR COURSES

Chorus (7)
Band (7)
Concert Choir (8)
Treble Choir (8)
Tiger Chorus (8)
Band (8)
French 1 (8)
Yearbook (8)

SEMESTER COURSES

Art 1 (7 & 8)
Art 2 (7 & 8)
Technology A (7 & 8)
Technology B (7 & 8)
Family & Consumer Sciences A (7 & 8)
Family & Consumer Sciences B (7 & 8)
Debate (8)
Library Aid (8)

Quarter Courses

Cultural Exploration (7)
Introduction to Engineering Design (8)

Full Year Elective Courses

Chorus (7) The FMS choir program begins with 7th grade Chorus. This year long course is structured so that students develop their musicianship through singing a wide range of music literature, music theory, performance, and in-depth study. All students, from beginners to experienced singers, will have opportunities to grow and improve in a class designed to create confidence, encourage cooperation and leadership, and develop the self-discipline necessary to succeed. Students who demonstrate high levels of accomplishment will be given the opportunity to participate in a 7th grade Select Choir during the second semester and attend music festivals and extended choral experiences.

Course Type	Full Year Course	Prerequisite	None
Course Number	M9670		

Band (7) The Festus Band Program focuses on developing musicianship, good rehearsal habits, and the ability to work as part of a team. This course is designed to help students continue their instrumental musical experience. Students will be challenged to show growth in technique and musicality, requiring practice and perseverance. Students will extend previous instrument technique and ensemble skills with advancing repertoire appropriate to the level of development. Concert performances are included as part of the course.

Course Type	Full Year Course	Prerequisite	Previous Band Experience
Course Number	M9675		

Concert Choir (8) Concert Choir is a select performance ensemble. Students must have participated in 7th Grade Chorus and/or auditioned for the director to become a member of this group. Students develop their vocal technique through in-depth study, high-level music literature, and high expectations. Many opportunities for growth include school concerts, exchanges with other successful choirs from the middle school to the collegiate level, music festivals, choral clinics with acclaimed educators and directors, and solo/small ensemble performances. Emphasis will be placed on personal responsibility, cooperation with others, and finding success through intelligent repetition and practice. Performances are an expected component of being a member of this ensemble.

Course Type	Full Year Course	Prerequisite	7 th Grade Chorus/Teacher Approval
Course Number	M9680		

Treble Choir (8) Treble Choir focuses on developing young, treble-voiced musicians. Music for this group is selected to enhance the student's vocal abilities and emotional development as well as furthering the vocal education begun in 7th Grade Chorus. Members of this ensemble can look forward to continued in-depth study of our music literature as well as opportunities to attend professional vocal performances, music festivals, and other important choral events. Students can be experienced or beginners and performances are offered but not required.

Course Type	Full Year Course	Prerequisite	None
Course Number	M9681		

Tiger Chorus (8) Tiger Chorus focuses on developing young, tenor and bass-voiced musicians. Music for this group is selected to enhance the student's vocal growth and emotional maturity as well as furthering the vocal education begun in 7th Grade Chorus. Members of this ensemble can look forward to continued in-depth study of our music literature as well as opportunities to attend professional vocal performances, music festivals, and other important choral events. Students can be experienced or beginners and performances are offered but not required.

Course Type	Full Year Course	Prerequisite	None
Course Number	M9682		

Band (8) The Festus Band Program focuses on developing musicianship, good rehearsal habits, and the ability to work as part of a team. This course is designed to help students continue their instrumental musical experience. Students will be challenged to show growth in technique and musicality, requiring practice and perseverance. Students will extend previous instrument technique and ensemble skills with advancing repertoire appropriate to the level of development. Concert performances are included as part of the course.

Course Type	Full Year Course	Prerequisite	Previous Band Experience
Course Number	M9685		

Yearbook (8) This course is designed to develop students' skills in yearbook production by providing experiences in selected aspects of yearbook production. Students learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines; digital photography; desktop publishing and using appropriate technology tools for media production. Students interested in this course should be willing to attend after school activities and work sessions outside of the regular school day a few times per year.

Course Type	Full Year Course	Prerequisite	Teacher Approval
Course Number	M9001		

FRENCH I (8) This course is for eighth grade students. It is an introduction to basic French reading, writing, speaking and listening comprehension. In addition, students will be introduced to French-speaking cultures around the world. This class is recommended for students who are college-bound or have a special interest in languages. **This course is a high school credit. The grade earned will be on a student's high school transcript and will be calculated as part of a student's high school GPA.**

Course Type	Full Year Course	Prerequisite	Teacher Approval
Course Number	M5210	Credit	1 HS unit Foreign Language

SEMESTER ELECTIVE COURSES

Chorus (7) This semester course is structured so that students develop their musicianship through singing a wide range of music literature, music theory, performance, and in-depth study. All students, from beginners to experienced singers, will have opportunities to grow and improve in a class designed to create confidence, encourage cooperation and leadership, and develop the self-discipline necessary to succeed.

Course Type	Semester Course	Prerequisite	None
Course Number	M9671/M9672		

ART 1 (7 & 8) This semester long course is designed to enrich and encourage artistic expression with an emphasis on the Art Elements and Principles of Design, selected artists and movements, art analyzing and the art making process. Students will work in all types of media: paint, drawing, collage, printmaking, sculpture and mixed media (2D and 3D).

Course Type	Semester Course	Prerequisite	None
Course Number	M9610/M9611		

ART 2 (7 & 8) This semester long course is designed to continue enriching and encouraging artistic expression with an emphasis on the Art Elements and Principles of Design, selected artists and movements, art analyzing and the art making process. Students will work in all types of media: paint, drawing, collage, printmaking, sculpture and mixed media (2D and 3D).

Course Type	Semester Course	Prerequisite	ART 1
Course Number	M9612/M9613		

Technology A (7 & 8) This course will allow students to apply prior knowledge of computer operations, productivity tools, and digital citizenship. Graphic design will be the main focus while students also explore critical thinking challenges, computer science, and continued improvement on keyboarding performance.

Course Type	Semester Course	Prerequisite	None
Course Number	M9710/M9711		

Technology B (7, 8) This course will allow students to apply prior knowledge of computer operations, productivity tools, and digital citizenship. Digital media and communication will be the main focus while students also explore critical thinking challenges, computer science, and continued improvement on keyboarding performance.

Course Type	Semester Course	Prerequisite	None
Course Number	M9712/M9713		

Family & Consumer Sciences A (7 & 8) This course will have students examining aspects of nutrition, health, and wellness to help promote healthy lifestyles as well as cooking independence to get students ready for young adulthood.

Course Type	Semester Course	Prerequisite	None
Course Number	M9720/M9721		

Family & Consumer Sciences B (7 & 8) This course will promote healthy self-development skills while analyzing family units. Students will be able to effectively evaluate parenting roles and responsibilities which will help to strengthen the well-being of themselves as well as their family units.

Course Type	Semester Course	Prerequisite	None
Course Number	M9722/M9723		

Debate (8) Debate is a one-semester introductory course for **8th grade students** that covers a variety of styles of public speaking and formal debate. Through research and practice students will become familiar with these styles through instruction, research, and practice. Each unit will culminate in performance assignments that require students to demonstrate their abilities within the classroom setting.

Course Type	Semester Course	Prerequisite	Teacher Approval
Course Number	M9280		

Library Aide (8) Library Aides keep the library organized and assist students by checking out books, making book recommendations, and helping students locate books. Additionally, Library Aides will learn about different facets of the library like genres and the Dewey Decimal Classification System. Reading and strong organizational skills are required for this class.

Course Type	Semester Course	Prerequisite	Teacher Approval
Course Number	M9180		

Quarter Elective Courses

Cultural Explorations (7) The purpose of this Quarterly Exploratory Class is to expose **7th graders** to both the Spanish and French languages at an introductory level. This foreign language study is built upon a foundation of Latin and Greek Root Study. This exposure will allow them to pursue their choice with more knowledge as they seek high school credit. This class is divided into 3 sections: Latin and Greek Root Study--2.5 weeks, Spanish--3.0 weeks, French--3.0 weeks, and 2-3 days at the end of the quarter for their group Google Slides Cultural Exploration Project presented to the class

Course Type	Quarter Course	Prerequisite	None
Course Number	M9570		

Introduction to Engineering and Design (8) The major focus of the IED course is to expose **8th grade students** to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Used in combination with a teaming approach, problem-based learning challenges students to continually hone their interpersonal skills, creative abilities and understanding of the design process. It also allows students to develop strategies to enable and direct their own learning.

Course Type	Quarter Course	Prerequisite	None
Course Number	M9480		

PAWS

PAWS (7) - Student Enrichment and Intervention Time - Students will utilize this course for academic remediation, tutoring, and assistance. Faculty members will provide student enrichment and interventions during Tiger Time. All building facilities will be used for enrichment purposes. **ALL students will be enrolled in this class.**

Course Type	Full Year Course	Prerequisite	None
Course Number	M9700		

PAWS (8) - Student Enrichment and Intervention Time - Students will utilize this course for academic remediation, tutoring, and assistance. Faculty members will provide student enrichment and interventions during Tiger Time. All building facilities will be used for enrichment purposes. **ALL students will be enrolled in this class.**

Course Type	Full Year Course	Prerequisite	None
Course Number	M9800		