
FORT ZUMWALT SCHOOL DISTRICT



MIDDLE SCHOOL

Career and Educational Planning Guide
2018-19

DuBray Middle School
100 DuBray Drive
St. Peters, MO 63376

North Middle School
210 Virgil St.
O'Fallon, MO 63366

South Middle School
300 Knaust Rd.
St. Peters, MO 63376

West Middle School
150 Waterford Crossing
O'Fallon, MO 63366

REQUIRED COURSES

English Language Arts 6 (Year) Sixth Grade English Language Arts focuses on reading fiction and non-fiction works of greater text complexity. Students will closely read and cite textual evidence to support analysis and develop a rich vocabulary in order to speak and write more precisely and coherently. Students will evaluate and write arguments supporting specific claims, conduct and present research using multiple credible sources, and produce formal narrative and expository writing. Writing will focus on recognizing variations from standard English and using this knowledge to improve language use. Multi-media sources are used to enhance projects and oral presentations.

Social Studies 6 (Year) Sixth Grade Social Studies will include the study of the geographic regions of the world. Students study the social, political, economic, and physical aspects of world geography. The study of world geography helps the student gain a greater understanding of countries' locations, cultures, developments, relationships, and interdependence.

6th Grade Earth Science (Year) Sixth Grade Earth Science will focus on the understanding of earth science concepts as students learn how to use science and engineering practices to become better problem solvers. Major content involves the study of the earth's processes, including rocks and minerals, weather, astronomy, earthquakes, volcanoes, and the environment's impact on humans.

Mathematics 6 (Year) Sixth Grade Mathematics focuses primarily on four critical areas: (1) connecting ratio and rate to whole number multiplication and division; (2) understanding of division of fractions and extending notion of number to the system of rational numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. Problem-solving and communicating mathematically are continuing themes throughout the course.

Pre-Algebra 6 (Year) Sixth Grade Pre-Algebra includes the four critical areas of focus from 6th Grade Mathematics. Additional critical areas include: (1) extending understanding of the rational numbers to include operations on rational numbers; (2) extending understanding of ratio and rate to comparing and contrasting proportional relationships and representing these relationships in multiple forms. Problem-solving, reasoning, and communicating mathematically are continuing themes throughout the course.

Reading 6 (Year – Alternate Days) Sixth Grade Reading is a required course that meets on alternating days with Keyboarding. Students will continue to improve previously learned reading skills using a wide variety of materials appropriate to their reading and interest level. Non-fiction text will be emphasized to support students' development of comprehension skills, vocabulary and study skills.

Computer Literacy – Keyboarding 6 (Year – Alternate Days)

Keyboarding is a required course. The course emphasizes the skill of touch-typing using correct keyboarding technique in alphabetic, numeric, symbol and function keys including the numeric keypad. Emphasis will be placed on development of accuracy, speed, and technique. Students will produce basic word processing documents. Proper computer ethics, social media behavior, and communication skills will be emphasized throughout the course.

Physical Education/Health 6 (Year-Alternate Days) Sixth Grade Physical Education is a progressively planned co-educational program in lifetime and recreational sports. Content will include large and small group games, skill drills, team sports, individual sports activities, and related lifetime sports. Health content will include: structure and functions of the body, social, emotional, mental, personal and family health, nutrition, consumer health and safety, life management skills, disease prevention, safety and substance education.

EXPLORATORY COURSES

Program I	Program II	Program III	Program IV
<p>-Art 6 (Semester-Alternate Days) Exploratory Art involves students in the basics of two-dimensional and three-dimensional methods. Art history/appreciation is integrated throughout the coursework. Critical thinking skills and creative problem solving are addressed through analytical critique, both written and oral. These goals are achieved by studio production, supplemented with lectures, student research, periodicals, transparencies, software, videos, and museum kits.</p> <p>-General Music 6 (Semester-Alternate Days) General Music is a nine-week exploratory course. The course objectives include identifying the social functions of music. Students concentrate on studying the music of different cultures and to identify these different cultures by their unique heritage and the characteristics of their music. This course also reviews and reinforces the ideas of music reading and musical form taught in elementary music. Students have the opportunity to listen to and also create the music of different cultures on instruments from those cultures.</p>	<p>-Beginning Band (Year-Alternate Days) Beginning Band is a yearlong course designed to offer students an opportunity to learn to read and appreciate music through playing a band instrument. Beginning Band provides a foundation for continuing musical growth and therefore, the director will be responsible for setting the guidelines for balanced instrumentation. The students will be divided into like-instrument groups. Emphasis is on learning basic instrumental skills and music theory, and developing a practice regimen. Students will also learn proper instrument maintenance. Students will provide their own instruments and supplies. At the director's discretion, certain school-owned instruments may be provided. There will be performances scheduled outside of the school day, and attendance at all performances is required as a part of the student's grade.</p>	<p>-Beginning Orchestra (Year-Alternate Days) A yearlong course that meets daily, and is designed to offer students the opportunity to learn to read and appreciate music through playing a string instrument. 6th grade students who have limited or no experience in playing violin, viola, cello, or double bass will be assigned to this class. Students are encouraged to work for musical performance by producing a good tone, playing in tune, and having correct technical skills. Emphasis is on learning basic instrumental skills, music theory, and developing a practice regime. Attendance at scheduled performances is mandatory and part of the student's grade. All students will provide their own instruments. Students who play cello and bass do not need to transport their instruments to school.</p> <p>-Junior Orchestra (Year-Alternate Days) A yearlong course that meets daily, and is designed to offer students the opportunity to learn to read and appreciate music through playing a string instrument. 6th grade students who have prior experience in playing violin, viola, cello, or double bass will be assigned to this class. Students receive instruction in music reading skills, production of a good tone, bowing, left-hand techniques, and ensemble playing. Emphasis is on learning basic instrumental skills, music theory, and developing a practice regime. Attendance at scheduled performances is mandatory and part of the student's grade. Students will provide their</p>	<p>-Concert Choir (Year-Alternate Days) Concert Choir is a yearlong course. Students will experience an in-depth study of choral music including a varied repertoire of style and genre. Skills will be introduced in the areas of proper vocal technique, sight-singing, aural and written music theory, musicianship, and performance practice. Students are required to participate in graded performances and rehearsals outside of the school day. Prerequisite: the director's approval.</p>

FORT ZUMWALT SCHOOL DISTRICT

SIXTH GRADE ENROLLMENT FORM 2018-19

(PLEASE PRINT)

Student Name : (Last) _____ (First) _____ Male: Female:

Circle School Attending: DMS NMS SMS WMS

Address: _____ City: _____ Zip: _____

Home Telephone: _____ Birthdate: _____ Age: _____

Work Telephone: _____

Parent/Guardian Name: _____ 5th Grade School: _____

Parent/Guardian Signature _____

Required Courses

- English Language Arts 6
- Social Studies 6: World Geography
- Science 6
- Mathematics 6/Pre-Algebra 6
- Reading 6 / Computer Literacy - Keyboarding
- Physical Education/Health 6

Exploratory Course Programs (Please choose one)

- Program I _____ **Art 6 (Semester)** - Alternate with P.E.
General Music 6 (Semester) - Alternate with P.E.
- Program II _____ **Beginning Band (Year)** - Alternate with P.E.
Instrument: _____
1st Choice 2nd Choice 3rd Choice
- Program III _____ **Beginning Orchestra (Year)** - Alternate with P.E.
Instrument _____
- Program IV _____ **Junior Orchestra (Year)** - Alternate with P.E.
Instrument _____
- _____ **Concert Choir (Year)** – Alternate with P.E.

Instructions:

1. Sixth grade students can select one of the four exploratory programs offered. Place an X by your choice.
2. Band, concert choir, and orchestra are all year electives that alternate with physical education. Instruments are not provided.

REQUIRED COURSES

English Language Arts 7 (Year) Seventh Grade English Language Arts focuses on developing independence and proficiency in works of fiction and non-fiction by teaching active reading strategies. Through close reading, students will develop a rich vocabulary in order to speak and write more precisely and coherently. Students will produce formal narrative and expository compositions, including writing arguments that support specific claims and recognize opposing viewpoints from multiple credible sources. By citing several pieces of textual evidence, students will support their analyses, reflections, and research. Students will apply the rules of standard English to improve their writing. Integration of digital media into oral presentations as well as participation in classroom discussions will develop public speaking skills.

Social Studies 7 (Year) Seventh Grade Social Studies is an overview of world history from pre-history to the Renaissance and Reformation era. Students study the effects of the past on the present through the study of archeology, anthropology, geography, economics, history, and political science. The study of world history and its effects on the people of the world help the student gain a greater understanding of the world we live in today.

7th Grade Integrated Life Science (Year) Seventh Grade Integrated Life Science will focus on the understanding of life science concepts as students learn how to use science and engineering practices to become better problem solvers. Major content involves the study of cell division, energy transfer between organisms and the environment, ecology, and the interactions among living things. Relevant earth science concepts will be interwoven into this course.

Pre-Algebra 7 (Year) Pre-Algebra focuses primarily on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems; and (4) drawing inferences about populations based on samples. Problem-solving, reasoning, and communicating mathematically are continuing themes throughout the course.

Foundations of Algebra 7 (Year) Foundations of Algebra focuses primarily on three critical areas: (1) understanding the concept of proportionality as it relates to linear functions and using linear equations and systems of linear equations to model and solve real-world problems; (2) Understanding the concept of an algebraic function and representing functions in many forms; and (3) Using transformations on the coordinate plane to explore congruence and similarity and applying the Pythagorean Theorem to solve problems. Problem-solving, reasoning, and communicating mathematically are continuing themes throughout the course.

Physical Education/Health 7 (Year-Alternating Days) Seventh Grade Physical Education is a progressively planned co-educational program in lifetime and recreational sports. Content will include large and small group games, skill drills, team sports, individual sports activities, and related lifetime sports. Health content will include: structure and functions of the body, social, emotional, mental, personal and family health, nutrition, consumer health and safety, life management skills, disease prevention, safety and substance education.

EXPLORATORY COURSE ELECTIVES

Choose a Total of 3-Semester Electives

-Art 7 (1-Semester Elective) Seventh Grade Exploratory Art is a year-long course that meets on alternating days. The course will involve students in the basics of two-dimensional and three-dimensional methods. Art history and appreciation will be integrated throughout the coursework. Critical thinking skills and creative problem solving will be addressed through analytical critique, both written and oral. These goals will be achieved by studio production, supplemented with lectures, student research, periodicals, transparencies, software, videos, and museum kits.

-Discovering Family and Consumer Sciences/Health 7 (1-Semester Elective) Seventh grade Family and Consumer Science is a year-long course that meets on alternating days. This course is a comprehensive exploratory instructional program designed to help prepare students for multiple roles as individuals and family members. The areas covered include consumer skills, basic sewing skills, clothing care, beginning food preparation, nutritious food choices, and human relationships. Family, Careers and Community Leaders of America are integrated within the program. Laboratory experiences and hands-on activities in each area of study will emphasize the practical application of life skills.

-Technical Career Exploration 7 (1-Semester Elective) Seventh Grade Technology Education is a year-long course that meets on alternating days. This is an exploratory course providing students instruction in various technical career areas utilizing modular instructional units. Students will learn through applied, hands-on activities in such areas as: desktop publishing, manual drafting, computer aided drafting, Lego engineering, graphics, animation, video production, video editing, robotics and research design.

-General Music 7 (1-Semester Elective) General Music in the seventh grade is a year-long course that meets on alternating days. The course objectives will include identifying the concepts and characteristics of music from the classical European and American tradition. Students will also learn how history has affected the development of music through the ages. They will be able to identify different musical characteristics of many time periods, including Medieval, Renaissance, Baroque, Classical, Romantic, Impressionistic, and 20th Century. Different styles to be studied include psalm tune, gospel, folk song, rhythm and blues, jazz, ragtime, rock and roll, pop and other indigenous American musical styles. Students will be introduced to many different career opportunities that music has to offer, such as performer, teacher, recording artist, disc jockey, recording engineer, manager, composer and more. Students will see the different facets of music and how it evolves into what they hear on the radio and television every day. (Prerequisite: None)

Revised 12/5/17

SEVENTH GRADE

EXPLORATORY COURSE Electives - *continued*

-Intermediate Band (2-Semester Elective) Seventh grade Intermediate band is a year-long course that meets every day. The course is open to students with one or more years of playing experience or by recommendation of the director. Intermediate band provides a foundation for continuing musical growth and therefore, the director will be responsible for setting the guidelines for balanced instrumentation. Students continue to study correct instrumental techniques, fundamentals of music theory as well as ensemble and performance skills. Several extra-curricular performances and rehearsals are required. Attendance at all rehearsals and performances are required as a part of the students' grade.

-Concert Choir (2-Semester Elective) Seventh Grade Concert Choir is a year-long course that meets every day. Students will experience an in-depth study of choral music including a varied repertoire of style and genre. Advanced skills will be developed in the areas of proper vocal technique, sight-singing, aural and written music theory, musicianship and performance practice. Students are required to participate in graded performances and rehearsals outside of the school day. Prerequisite: sixth grade concert choir and/or the director's approval.

-Intermediate Orchestra (2-Semester Elective) Intermediate Orchestra is a year-long that meets every day. The course is open to students with one or more years of playing experience or by recommendation of the director. Students continue to receive instruction in production of a good tone, music reading skills, bowing, and left-hand techniques. The fundamentals of performance within an orchestra ensemble are developed. Orchestral literature in a variety of different styles is rehearsed and performed. Several performances and extra rehearsals are required. Attendance at scheduled performances is mandatory and is part of the student's grade. All students will provide their own instruments. Students who play cello and bass do not need to transport their

FORT ZUMWALT SCHOOL DISTRICT

**SEVENTH GRADE ENROLLMENT FORM
2018-19**

(PLEASE PRINT)

Student Name :(Last) _____ (First) _____ Male: Female:

Address: _____ City: _____ Zip: _____

Home Telephone: _____ Birthdate: _____ Age: _____

Work Telephone: _____

Parent/Guardian Name: _____ 6th Grade School: _____

Parent/Guardian Signature _____

Required Courses

- English Language Arts 7
- Social Studies 7: World History
- Science 7
- Mathematics 7/Foundations of Algebra
- Physical Education/Health 7

Exploratory Course Electives Choose a total of 3-Semesters. You must rank your choices – 1st, 2nd, 3rd, or 4th choice. Every effort will be made to place students in their first or second choice. However, in order to maintain balanced class sizes some students may be placed in their third or fourth choice.

- Intermediate Band (2 Semester Elective) _____
- Concert Choir (2 Semester Elective) _____
- Intermediate Orchestra (2 Semester Elective) _____
- Discovering Family & Consumer Sciences/Health (1 Semester Elective) _____
- Technical Career Exploration (1 Semester Elective) _____
- Art (1 Semester Elective) _____
- General Music (1 Semester Elective) _____

Instructions:

Each seventh grade student can select three semesters of exploratory courses from the above list. Please remember to rank your choice preference by marking each of your

choices as either your 1st, 2nd, 3rd or 4th choice.

Revised 12/5/17

EIGHTH GRADE

REQUIRED COURSES

English Language Arts Arts 8 (Year) Eighth Grade English/Language Arts focuses on reading fiction and non-fiction of greater text complexity. Students will closely read with a focus on citing and analyzing the strongest pieces of textual evidence. In addition, students will evaluate and write arguments supporting specific claims, acknowledging counterarguments, and refuting opposing claims with the strongest evidence and reasoning. Students will also produce formal narrative, expository, and research writing using specified vocabulary while practicing mechanics and conventions. Students will integrate digital media into oral presentations as well as participate in classroom discussions to develop public speaking skills.

Social Studies 8 (Year) Eighth Grade Social Studies course is United States history that begins with the Age of Exploration and continues through 1877 – Reconstruction. Students study the effects of the past on the present with an emphasis on government, culture, economics, and geography; including a balanced coverage of events. The study of United States history and its effects on the people help the student gain a greater understanding of their heritage and citizenship responsibilities.

8th Grade Integrated Science (Year) Eighth Grade Integrated Science will focus on the understanding of physical science concepts as students learn how to use science and engineering practices to become better problem solvers. Concepts in earth and life science will be interwoven as they study characteristics of matter, interactions of matter, force and motion, energy, and properties and interactions of waves.

Advanced Physical Science (year) Advanced Physical Science is offered for high school science credit and focuses on the understanding of physical science concepts as students learn how to use science and engineering practices to become better problem solvers. Major topics include structure and properties of matter, interactions of matter, nuclear processes in the universe, climate change, force and motion, energy, and waves. Aligned with the high school's Physical Science course, this class is for those students who have exemplary science and math skills and plan to continue advanced placement science coursework during high school. Students will be required to take three units of science while in high school beyond this course as most universities will not take this class for a high school science credit.

Foundations of Algebra 8 (Year) Foundations of Algebra focuses primarily on three critical areas: (1) understanding the concept of proportionality as it relates to linear functions and using linear equations and systems of linear equations to model and solve real-world problems; (2) Understanding the concept of an algebraic function and representing functions in many forms; and (3) Using transformations on the coordinate plane to explore congruence and similarity and applying the Pythagorean Theorem to solve problems. Problem-solving, reasoning, and communicating mathematically are continuing themes throughout the course.

Algebra 1 8 (Year) Algebra 1 focuses primarily on five critical areas: (1) Explaining the process of solving equations and translating between multiple representations of equations fluently; (2) Extending the previous work with linear functions students will now compare and contrast linear, exponential, and quadratic functions; (3) Seeing structure in all forms of algebraic expressions and equations and using this insight to rewrite expressions in equivalent forms to solve problems; (4) Modeling real-world scenarios by choosing the appropriate model from among linear, exponential, and quadratic functions; (5) Formalizing students prior experiences representing bivariate data to assess how well a model fits a data set.

Physical Education/Health 8 (Year-Alternating Days) Eighth Grade Physical Education is a progressively planned co-educational program in lifetime and recreational sports. Content includes large and small group games, skill drills, team sports, individual sports activities, and related lifetime sports. Health content will include: structure and functions of the body, social, emotional, mental, personal and family health, nutrition, consumer health and safety, life management skills, disease prevention, safety and substance education.

EXPLORATORY COURSE ELECTIVES

Choose a Total of 3-Semester Electives

Program I

-Art 8 (1-Semester Elective) Eighth Grade Exploratory Art course will involve students in the basics of two-dimensional and three-dimensional methods. Art history and appreciation will connect the coursework throughout the art curriculum. Critical thinking skills and creative problem solving will be addressed through analytical critique, both written and oral. Additional emphasis will be placed on drawing still life and from direct observation, in order to prepare students for high school art class. These goals will be achieved by studio production, supplemented with lectures, student research, periodicals, transparencies, software, videos, and museum kits.

-Technical Career Exploration 8 (1-Semester Elective) Eighth Grade Technology Education is an exploratory course providing students instruction in various technical career areas utilizing modular instructional units. Students will learn through applied, hands-on activities in such areas as: desktop publishing, manual drafting, computer aided drafting, Lego engineering, graphics, animation, video production, video editing, robotics and research design.

-Discovering Family and Consumer Sciences/Health 8 (1-Semester Elective) Family and Consumer Science is a nine week instructional program that emphasizes choices in healthy lifestyles, decision-making and critical thinking skills. Health issues, which are highlighted, include drug, alcohol, and tobacco abuse and sexually transmitted diseases. The study of nutrition includes balanced meal planning and healthy food preparation. Basic sewing skills will be covered as students construct a project. Family, Careers and community Leaders of America are integrated into the classroom setting. Career options will be explored in each area of study.

-Computer Exploration 8 (1-Semester Elective) Computer Exploration is a year-long course that meets on alternating days. This course designed for eighth grade students, and the primary purpose of the course is to further the students' computer use, knowledge, and skills, as well as prepare them for high school computer applications classes. The course is composed of various business and technical topics including but not limited to proper computer ethics, social media behavior, keyboarding review, technology vocabulary, technology trends, internet research methods, MLA formatting, word processing, desktop publishing, multi-media presentations, and spreadsheets. Through hands-on activities and instruction, students will explore computer applications including but not limited to the Microsoft Windows operating system, MS Internet Explorer, MS Word, MS Publisher, MS Power Point, and MS Excel.

EIGHTH GRADE

EXPLORATORY COURSE ELECTIVES - *continued*

-Concert Band (2- Semester Elective) Concert Band is a yearlong course open to students with two or more years of playing experience or by recommendation of the director. Concert Band provides a foundation for continuing musical growth and therefore, the director will be responsible for setting the guidelines for balanced instrumentation. Students continue to study correct instrumental techniques, fundamentals of music theory, and ensemble and performance skills. Several extra-curricular performances and rehearsals are required. Attendance at all rehearsals and performances are required as a part of the students' grade.

-Concert Choir (2-Semester Elective) Concert Choir is a yearlong course. Students will experience an in-depth study of choral music including a varied repertoire of style and genre. More advanced skills will be developed in the areas of proper vocal technique, sight-singing, aural and written music theory, musicianship and performance practice. Students are required to participate in graded performances and rehearsals outside of the school day. Prerequisite: seventh grade concert choir and/or the director's approval.

-Concert Orchestra (2-Semester Elective) Concert Orchestra is a yearlong course open to students with two or more years of playing experience or by recommendation of the director. Students continue to receive instruction in production of a good tone, music reading skills, bowing, and left-hand techniques. The fundamentals of performance within an orchestral ensemble are developed. Orchestral literature in a variety of different styles is rehearsed and performed. Several performances and extra rehearsals are required. Attendance at scheduled performances is mandatory and is part of the student's grade. All students will provide their own instruments. Students who play cello and bass do not need to transport their instruments to school.

FORT ZUMWALT SCHOOL DISTRICT

EIGHTH GRADE ENROLLMENT FORM 2018-19

(PLEASE PRINT)

Student Name : (Last) _____ (First) _____ Male: Female:

Address: _____ City: _____ Zip: _____

Home Telephone: _____ Birthdate: _____ Age: _____

Work Telephone: _____

Parent/Guardian Name: _____ 7th Grade School: _____

Parent/Guardian Signature _____

Required Courses

- English Language Arts 8
- Social Studies 8: American History
- Science 8 or Physical Science
- Foundations of Algebra 8/Algebra I
- Physical Education 8

Exploratory Course Electives Choose a total of 3-Semesters. You must rank your choices – 1st, 2nd, 3rd or 4th choice. Every effort will be made to place students in their first or second choice. However, in order to maintain balanced class sizes some students may be placed in their third or fourth choice.

- Concert Band (2 Semester Elective) _____
- Concert Choir (2 Semester Elective) _____
- Concert Orchestra (2 Semester Elective) _____
- Discovering Family & Consumer Sciences/Health (1 Semester Elective) _____
- Technical Career Exploration (1 Semester Elective) _____
- Art (1 Semester Elective) _____
- Computer Exploration (1 Semester Elective) _____

Instructions:

Each eighth grade student can select three semesters of exploratory courses from the above list. Please remember to rank your choice preference by marking each of your choices as either 1st, 2nd, 3rd, or 4th choice.