



COURSE CATALOG

Mandarin Middle School

Contacts:

Assistant Principal of Student Services, Mr. Barton

6th graders

7th graders (A-K)

Assistant Principal of Curriculum, Ms. McMillan

7th graders (L-Z)

8th graders

mcmillanm1@duvalschools.org

Language Arts

M/J LANGUAGE ARTS 1

Grade 6

1 credit

This course defines what students should understand and be able to do by the end of 6th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. Students will take the 6th grade Florida Assessment of Student Thinking in Reading and Benchmark for Excellent Student Thinking in Writing.

M/J LANGUAGE ARTS 1 ADVANCED

Grade 6

1 credit

This course defines what students should understand and be able to do by the end of the grade level.

M/J LANGUAGE ARTS 3**Grade 8 1 credit**

This course defines what students should understand and be able to do by the end of 8th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. Students will take the 8th grade Florida Assessment of Student Thinking in Reading and Benchmark for Excellent Student Thinking in Writing.

M/J LANGUAGE ARTS 3 ADVANCED**Grade 8 1 credit**

This course defines what students should understand and be able to do by the end of 8th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are building their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts. Advanced courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to think and collaborate critically on the content they are learning. Students will take the 8th grade Florida Assessment of Student Thinking in Reading and Benchmark for Excellent Student Thinking in Writing.

ACCESS M/J LANGUAGE ARTS 1**Grade 6 1 credit**

Access courses are for students with the most significant cognitive disabilities. Access courses are designed to provide students access to grade-level general curriculum. Access points are alternate academic achievement standards included in access courses that target the salient content of Florida's standards. Access points are intentionally designed to academically challenge students with the most significant cognitive disabilities. Students will take the 6th grade Florida Standards Alternative Assessment.

ACCESS M/J LANGUAGE ARTS 2**Grade 7 1 credit**

Access courses are for students with the most significant cognitive disabilities. Access courses are designed to provide students access to grade-level general curriculum. Access points are alternate academic achievement standards included in access courses that target the salient content of Florida's standards. Access points are intentionally designed to academically challenge students with the most significant cognitive disabilities. Students will take the 7th grade Florida Standards Alternative Assessment

ACCESS M/J LANGUAGE ARTS 3**Grade 8 1 credit**

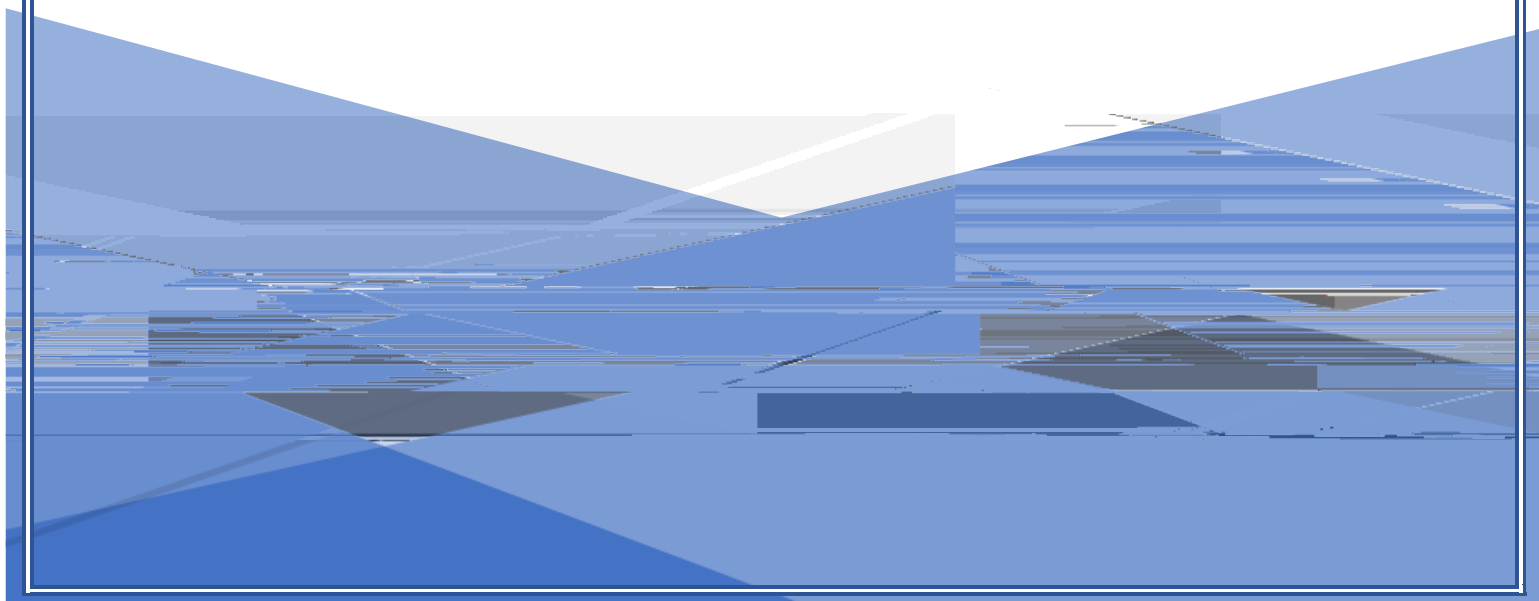
Access courses are for students with the most significant cognitive disabilities. Access courses are designed to provide students access to grade-level general curriculum. Access points are alternate academic achievement standards included in access courses that target the salient content of Florida's standards. Access points are intentionally designed to academically challenge students with the most significant cognitive disabilities. Students will take the 8th grade Florida Standards Alternative Assessment

M/J INTENSIVE READING 1**Grades 6-8 1 credit**

This course is designed for students reading below grade level. The course includes foundational skill standards to be used until a student has mastered the standard.



MATHEMATICS



Mathematics

M/J GRADE 6 MATHEMATICS

Grade 6

1 credit

This course will emphasize five areas: (1) performing all four operations with integers, positive decimals and positive fractions with procedural fluency; (2) exploring and applying concepts of ratios, rates and percent to solve problems; (3) creating, interpreting and using expressions and equations; (4) extending geometric reasoning to plotting points on the coordinate plane, area and volume of geometric figures and (5) extending understanding of statistical thinking. Students will take the 6th grade Florida Assessment of Student Thinking in Mathematics.

M/J GRADE 6 ACCELERATED MATHEMATICS

Grade 6

1 credit

This course will emphasize five areas: (1) performing all four operations with rational numbers with procedural fluency; (2) exploring and applying concepts of ratios, rates, percentages and proportions to solve problems; (3) creating, interpreting and using expressions, equations and inequalities; (4) extending geometric reasoning to plotting points on the coordinate plane, area and volume of geometric figures and (5) extending understanding of statistical thinking to represent and compare categorical and numerical data. **Students will take the 6th grade Florida Assessment of Student Thinking in Mathematics.**

M/J GRADE 7 MATHEMATICS

Grade 7

1 credit

This course will emphasize five areas: (1) recognizing that fractions, decimals and percentages are different representations of rational numbers and performing all four operations with rational numbers with procedural fluency; (2) creating equivalent expressions and solving equations and inequalities; (3) developing understanding of and applying proportional relationships in two variables; (4) extending analysis of two- and three-dimensional figures to include circles and cylinders and (5) representing and comparing categorical and numerical data and developing understanding of probability. Students will take the 7th grade Florida Assessment of Student Thinking in Mathematics.

M/J GRADE 8 PRE-ALGEBRA

Grade 8

1 credit

This course will emphasize six areas: (1) representing numbers in scientific notation and extending the set of numbers to the system of real numbers, which includes irrational numbers; (2) generate equivalent numeric and algebraic expressions including using the Laws of Exponents; (3) creating and reasoning about linear relationships including modeling an association in bivariate data with a linear equation; (4) solving linear equations, inequalities and systems of linear equations; (5) developing an understanding of the concept of a function and (6) analyzing two-dimensional figures, particularly triangles, using distance, angle and applying the Pythagorean Theorem. Students will take the 8th grade Florida Assessment of Student Thinking in Mathematics.

ALGEBRA 1 HONORS

Grade 9

1 wtd credit

Prerequisites: Pre-Algebra

This course will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents; (2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables. Students will take the State End-of-Course Assessment in Mathematics.

GEOMETRY HONORS

Grade 9

1 wtd credit

Prerequisites: Algebra 1

This course will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry. . Students will take the State End-of-Course Assessment in Mathematics.

ACCESS M/J GRADE 6 MATHEMATICS

Grade 6

1 credit

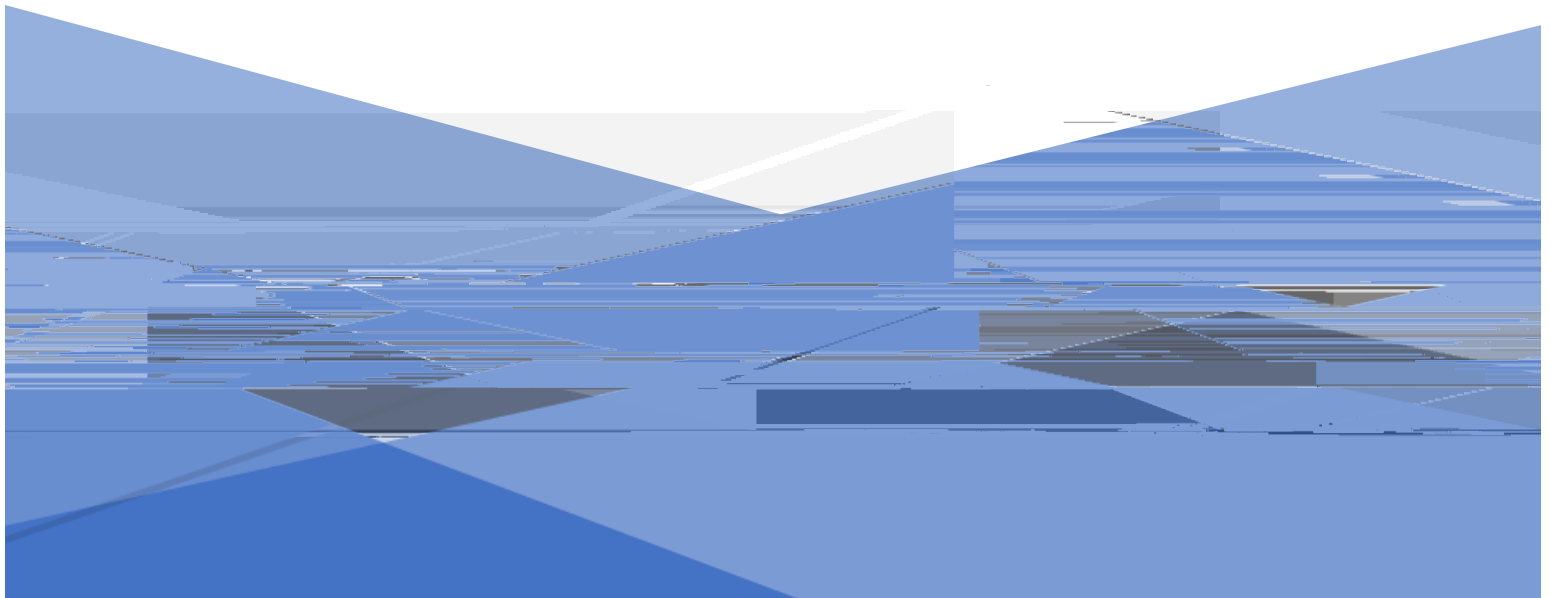
M/J FOUNDATIONAL SKILLS IN MATHEMATICS

Grades 6-8 1 credit

This course supports students who need additional instruction in foundational mathematics skills as it relates to core instruction. Instruction will use explicit, systematic, and sequential approaches to mathematics instruction addressing all strands including number sense & operations, algebraic reasoning, functions, geometric reasoning and data analysis & probability. Teachers will use the listed benchmark & will monitor student progress.



SCIENCE



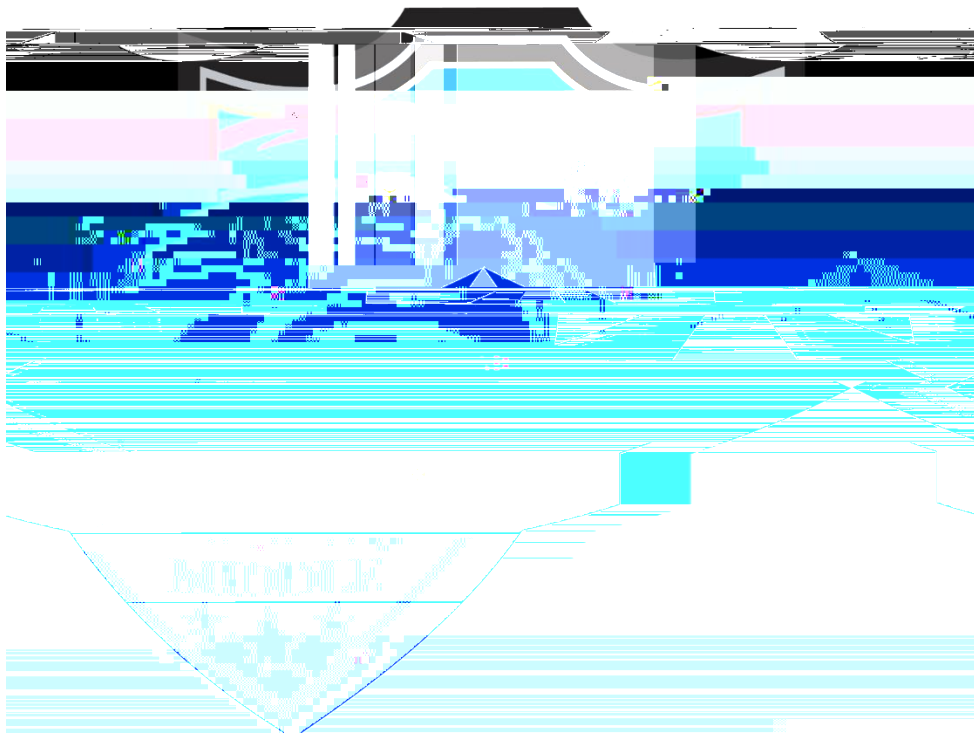
BIOLOGY 1 HONORS

Grade 9

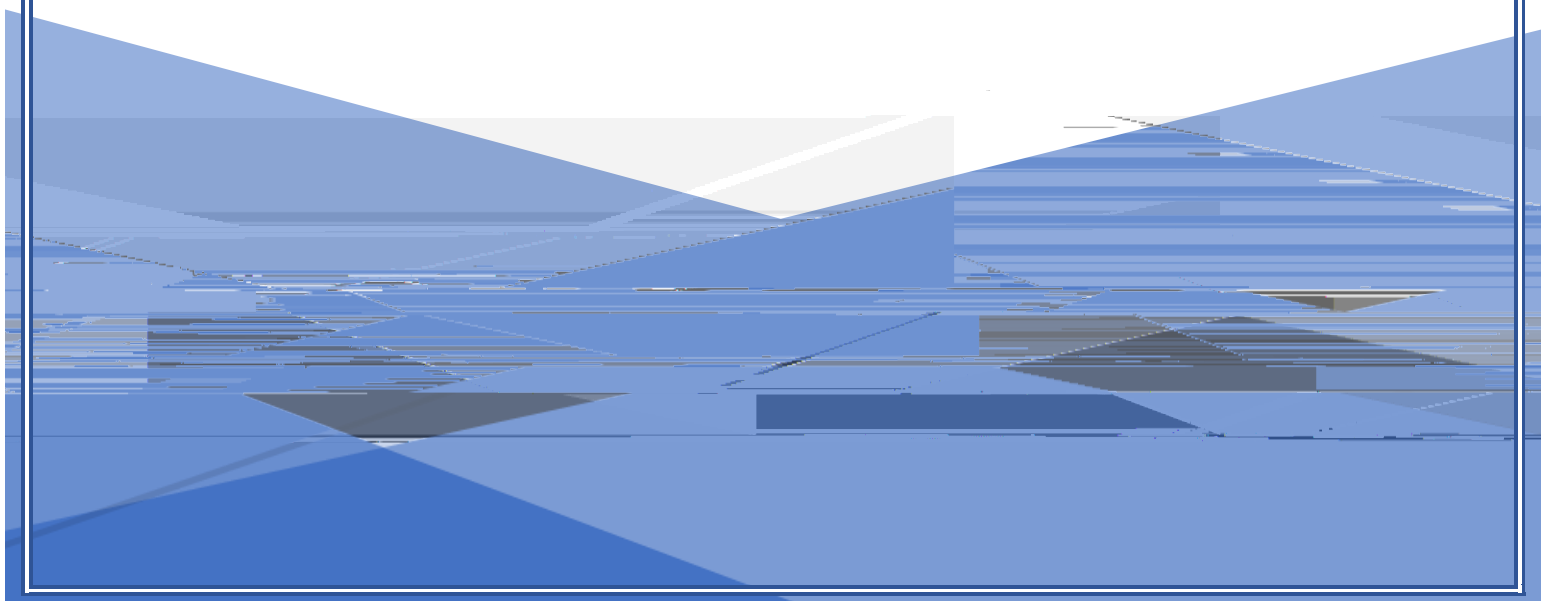
1 wtd credit

Prerequisites: Comprehensive Science 3

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error and have the skills to aggregate, interpret, and present the resulting data. Students will take the State End-of-Course Assessment.



SOCIAL STUDIES



Social Studies

M/J LAW STUDIES

Grade 6

M/J WORLD HISTORY**Grade 8 1 credit**

This course pertains to the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents. Students will take the District End-of-Course Assessment.

M/J WORLD HISTORY ADVANCED**Grade 8 1 credit**

This course pertains to the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents. Students will take the District End-of-Course Assessment.



LEADERSHIP & GIFTED STUDIES

Leadership & Gifted Studies

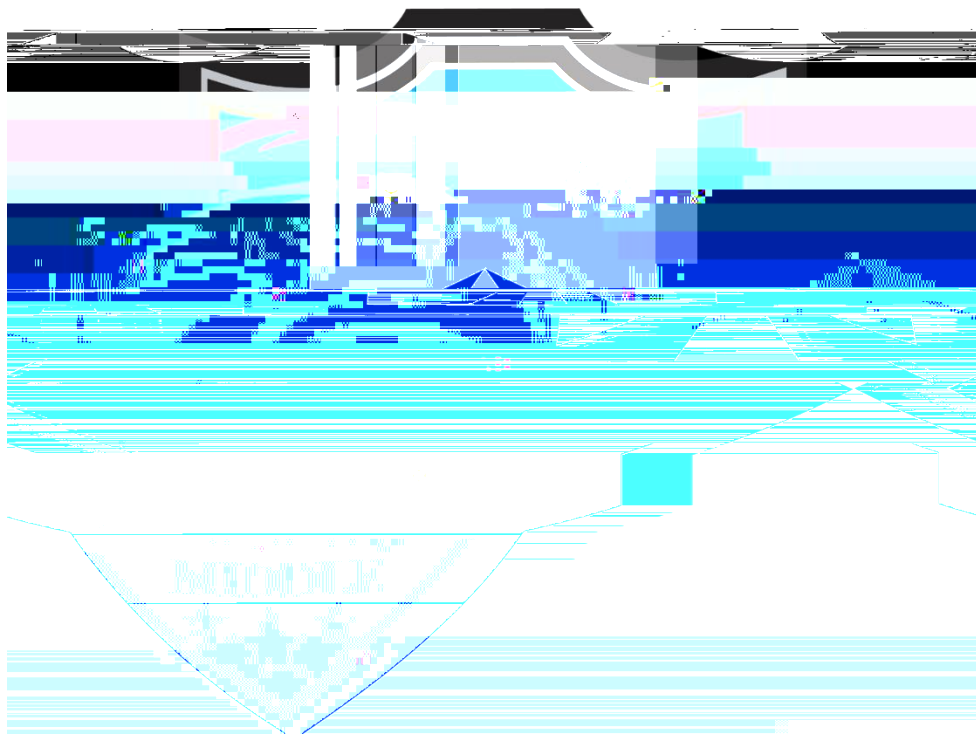
M/J CRITICAL THINKING

Grade 6

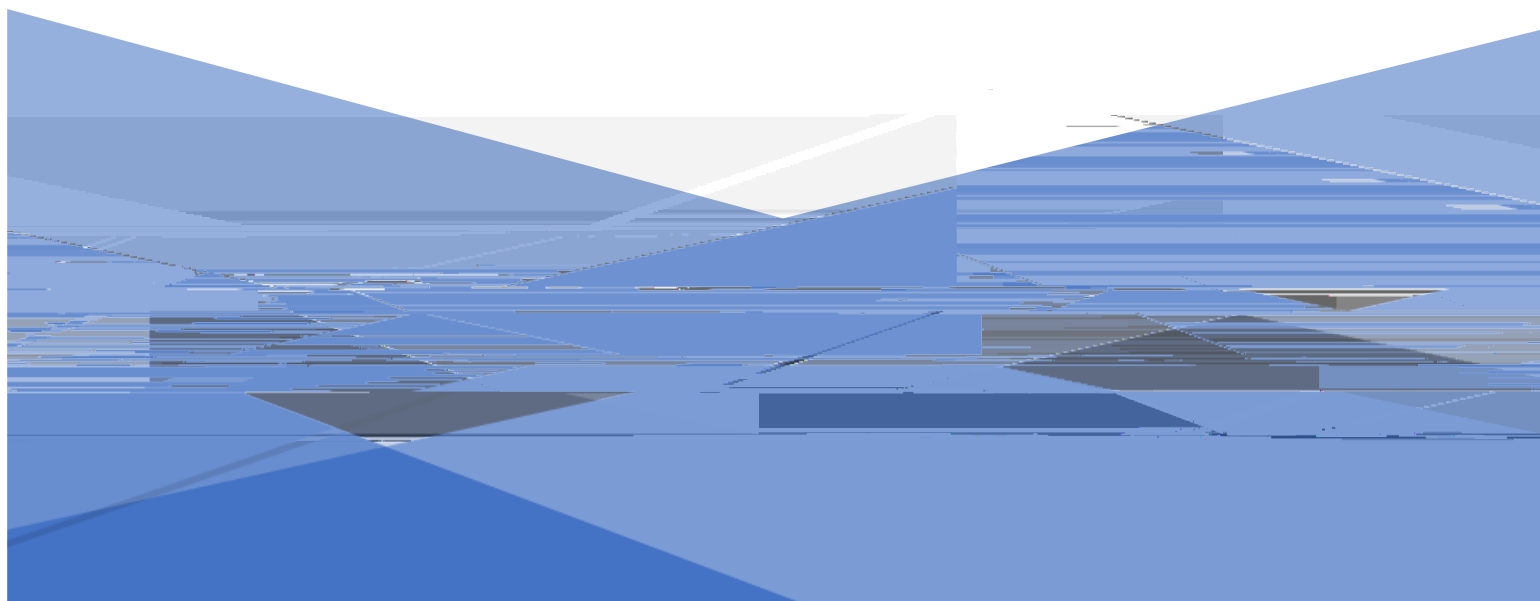
1 credit

The purpose of this course is to enable students to develop learning strategies, critical-thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors.

M/J ADVAN



FINE ARTS



Visual Arts

M/J TWO-DIMENSIONAL STUDIO ART 1

Grades 6-8

1 credit

Performing Arts

NOTE: MUSIC STUDENTS MUST PARTICIPATE IN MUSICAL EVENTS, WHICH MAY OCCUR IN THE EVENINGS OR ON WEEKENDS. PREPARING FOR THESE EVENTS MAY INVOLVE AFTER-SCHOOL REHEARSALS.

M/J BAND 1

Grades 6-8

1 credit

Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J BAND 2

Grades 6-8

1 credit

Prerequisite: Band 1

Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J BAND 3

Grades 6-8

1 credit

Prerequisite: Band 1 & 2

Students with previous band experience expand on their instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of intermediate-level, high-quality band literature. Instrumentalists extend their knowledge of music notation and theory, sound production, and personal and group rehearsal strategies. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J GUITAR 1

Grades 6-8

1 credit

Students with little or no experience develop basic guitar skills and knowledge, including simple and full-strum chords, strumming patterns, playing/singing simple melodies, foundational music theory, parts of the guitar, and ensemble skills. Beginning guitarists explore the careers and music of significant performers in pop/rock, jazz, blues, classical, country, bluegrass, and hard rock/metal genres. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J INSTRUMENTAL TECHNIQUES 1 (PERCUSSION)

Grades 6-8

1 credit

Students with little or no instrumental experience develop musicianship, technical proficiency, and performance skills. Beginning musicians focus on development of skills and techniques through scales, etudes, and solo literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J INSTRUMENTAL TECHNIQUES 2 (PERCUSSION)

Grades 6-8

1 credit

Prerequisite: Percussion 1

Students build on previous instruction to strengthen their musicianship, technique, and performance skills through preparation of scales, etudes, and solo literature. Through problem-solving, critical thinking, and reflection, students develop the physical and cognitive skills necessary to be more disciplined performers. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J ORCHESTRA 1

Grades 6-8

1 credit

Students who have little or no experience on violin, viola, cello, bass, or harp explore high-quality music literature written or transcribed for string orchestra. Study includes the development of foundational instrumental ensemble techniques, performance skills, music literacy, and aesthetic awareness. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J ORCHESTRA 2

Grades 6-8

1 credit

Prerequisite: Orchestra 1

Students who have some previous orchestral experience focus on the development of instrumental technique, musical literacy, performance skills, and increasing aesthetic awareness through study, rehearsal, and performance of a variety of high-quality orchestra literature. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. This course may also require students to obtain a musical instrument (e.g., borrow, rent, purchase) from an outside source. Students will take the District End-of-Course Assessment.

M/J CHORUS 1

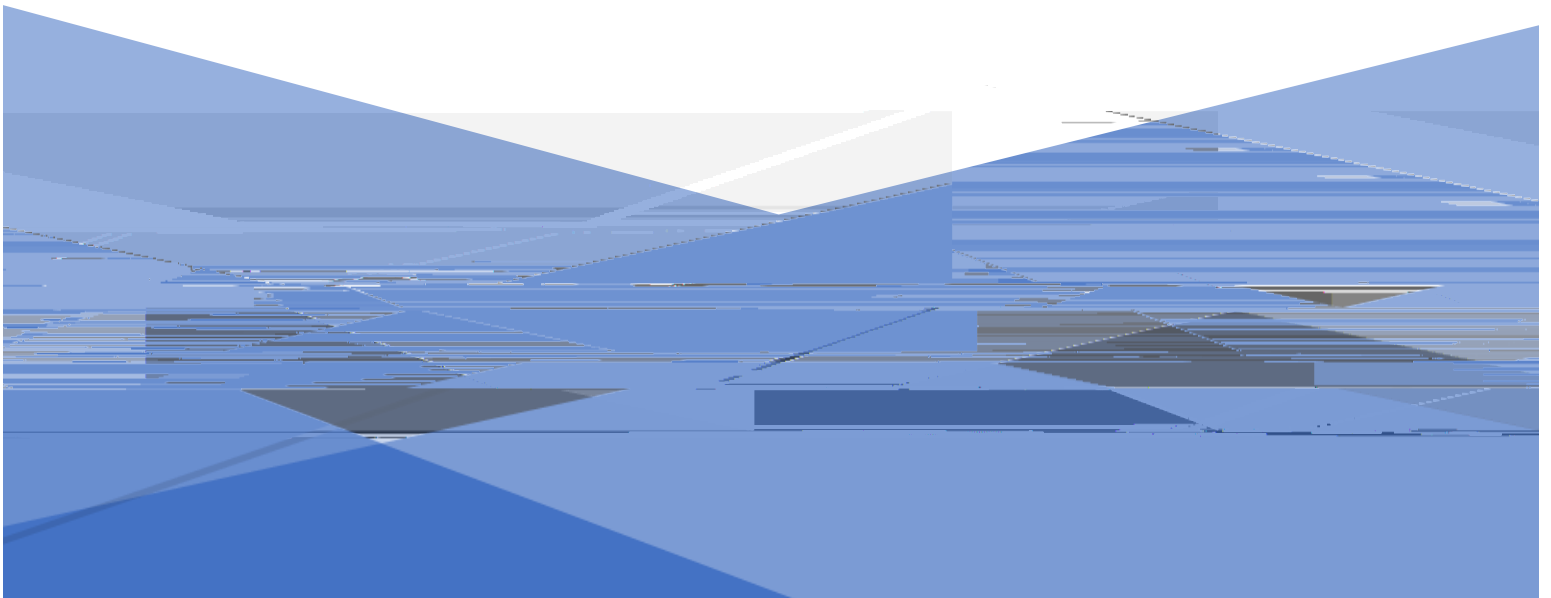
Grades 6-8

1 credit

Students with little or no choral experience develop beginning vocal technique and skills, critical and creative thinking skills, and an appreciation of music from around the world and through time. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Students will take the District End-of-Course Assessment.



CAREER TECHNICAL EDUCATION

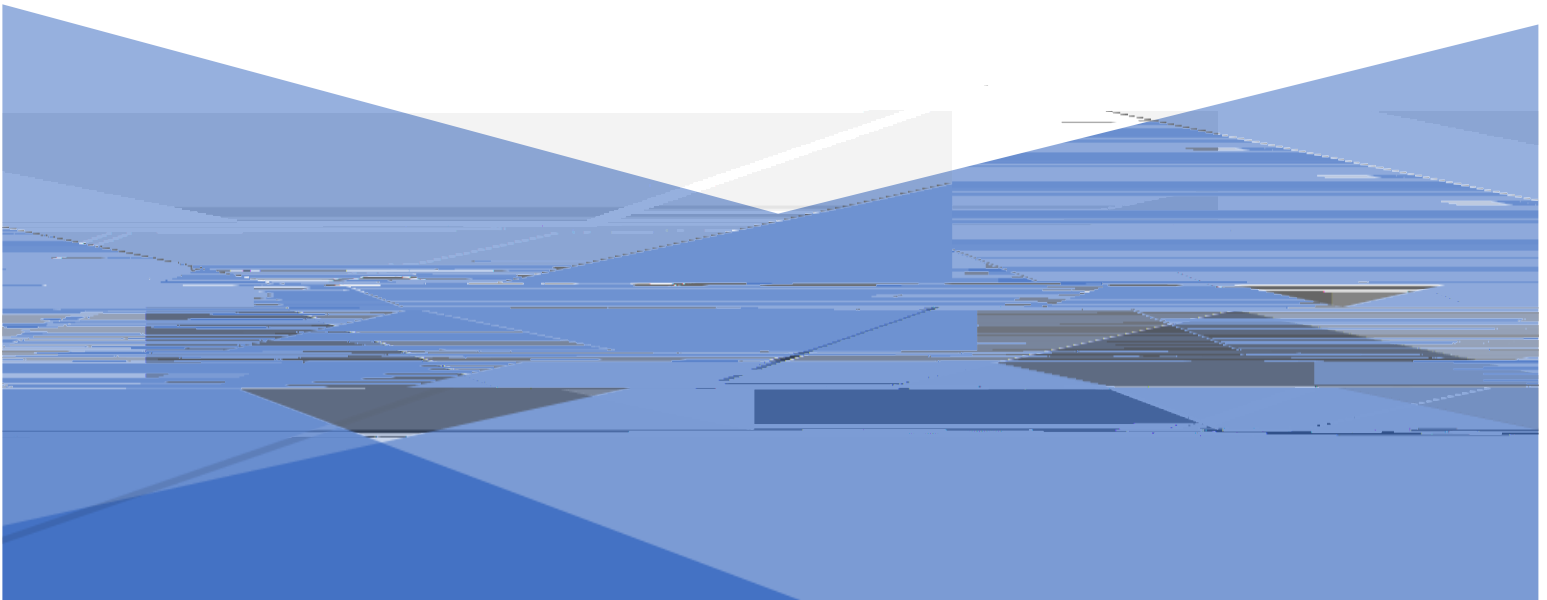


M/J FUNDAMENTALS OF TELECOMMUNICATIONS Prerequisites: Fund of A.V. Print Tech
Grades 7-8 .5 credit

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Arts, A/V Technology and Communication career cluster. The content includes, but is not limited to, the development of leadership skills, communication skills, and employability skills; resource management; exploration of Arts and A/V careers; the science and technology of transmitting information electronically by wires or radio signals with integrated encoding and decoding equipment.



PHYSICAL EDUCATION



Physical Education

M/J FITNESS	Grade 6	.5credit
This fitness course is designed for 6th grade students and intended to be 18 weeks in length. The purpose of this course is to provide students with the knowledge, skills, and values they need to become healthy and physically active for a lifetime. This course addresses both the health and skill-related components of physical fitness which are critical for students' success.		

M/J TEAM SPORTS	Grade 7	.5 credit
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