TROTWOOD-MADISON MIDDLE SCHOOL



MIDDLE SCHOOL COURSE DESCRIPTION GUIDE 2026-2027

TROTWOOD-MADISON
MIDDLE SCHOOL

VISION

100% Student Success!

MISSION

The mission of the Trotwood-Madison City Schools is to graduate all students prepared to excel in a global society with a commitment to lifelong learning by guaranteeing a challenging curriculum facilitated by an innovative and dedicated staff, community participation and state-of-the-art resources in a stimulating atmosphere.

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TROTWOOD-MADISON MIDDLE SCHOOL

GENERAL ACADEMIC INFORMATION

There are many factors to consider in selecting courses that will meet individual needs for next year. Remember to select courses to fit overall planning which projects beyond the middle and high school years. Interest and ability should determine choices. It is important to know that this course description guide includes all courses that are offered at Trotwood-Madison Middle School. Please note that due to low enrollment and teacher availability, some classes may not be offered. Because of scheduling conflicts and classes closing, a student may not be able to register for every course he/she plans to take during a semester. For this reason, the student should have in mind alternate courses in case the first choice is not available.

SCHEDULING UNDER THE SEVEN-PERIOD DAY

Trotwood-Madison Middle School is organized on a seven-period day schedule with students rotating classes every day. The seven-period day includes one 30-minute lunch.

COURSE REGISTRATION

Registration will take place in the spring of each school year. Although students will receive specific instructions during that time from middle school personnel, the responsibility for appropriate course choices rest with students and parents. The counseling staff is available to assist in making decisions related to course selections. One of the most critical functions performed by a school is the registration of students. Based upon registration information, courses are scheduled and teachers are employed for the next year; therefore, it is important that course selections be given serious consideration. After mid-May of each year, changes will be made only to correct scheduling errors or to equalize class enrollments.

ENROLLMENT

A student enrolling in the district must be accompanied by their parent or legal guardian & must provide a birth certificate, immunization record, transcripts for grades 10-12, final report card for enrolling 6th grade students, IEP/ETR for special education students & proof of residency. The application for enrollment can be found on the Trotwood-Madison City Schools website under the parents & student toolbar, Enroll in Trotwood-Madison link.

ADVANCED COURSES

TMMS students interested in advanced academic opportunities may enroll in Advanced and College Credit Plus (CCP) courses. The goal of advanced credit courses is to challenge and stimulate students to the highest level of their abilities. Students and parents should be aware of the demanding nature of advanced credit courses.

REQUIRED COURSES

These courses are required to fulfill state educational guidelines. A course may or may not have a prerequisite; a prerequisite is a course that must be taken prior to the course under consideration.

ELECTIVE COURSES

In addition to required state courses, students must choose other courses to complete their schedules. The number of electives varies from year to year. Elective courses or credits may be selected from additional core academic courses or from courses in the other departments.

SCHEDULE CHANGES

Following course registration in the spring semester, any student-initiated schedule change for the upcoming school year must be completed by the last day of the current school year. The campus designee must approve other schedule changes within the first 5 days of school and only in the case of improper academic placement in a course.

SCHEDULE CHANGE GUIDELINES

Only schedules that meet the following criteria will be considered for changes:

- A change is needed to balance a class size.
- Students are scheduled in a course for which they already have credit.
- Student is enrolled in a course for which the student does not have the prerequisite.
- Students have an incomplete schedule.
- Students are enrolled/not enrolled in an application/audition course for which they have been approved.
- Student has failed a course and needs to repeat the course.
- Change is needed as a result of a credit earned in summer school.

STATE ASSESSMENT

State achievement tests tell us how well our students are growing in the knowledge and skills outlined in Ohio's Learning Standards. These tests help guide and strengthen future teaching so we can be sure that we are preparing our students for long-term success in school, college, careers and life. Test results also allow citizens to know how their local schools are performing compared to others around the state. TMMS students will take the following state tests in 6th-8th grade:

	English Language Arts	Mathematics	Science
Grade 6	**X**	**X**	
Grade 7	**X**	**X**	
Grade 8	**X**	**X**	**X**

More information about state testing requirements can be found by visiting the Ohio Department of Education's State Tests webpage.

GIFTED SERVICES

Trotwood-Madison City Schools provides gifted students opportunities to have their unique learning needs met through Advanced/Honors coursework, and/or College Credit Plus (CCP) coursework.

The following table of classes provide gifted services to students based on identification areas:

Gifted Identification Area	Advanced/Honors Courses	College Credit Plus (CCP) Courses	Specialized Elective Courses
Reading/Writing	Advanced Language Arts 6 Advanced Language Arts 7 Advanced Language Arts 8	CCP courses aligned with the area of identification	
Math	Advanced Math 6 Advanced Math 7 Algebra I	CCP courses aligned with the area of identification	
Visual/Performing Arts		CCP courses aligned with the area of identification	All Fine Arts elective courses that align with the area of identification

All gifted students will be clustered or grouped together in classrooms to better meet their needs. If there is not an advanced/honors/AP/CCP course available in the subject area/grade level, the cluster grouped classroom will count as their gifted service. Please note that students who have gifted identification are recommended for these courses; any student who self-selects or is recommended not to take one of the courses will receive a notification indicating they are not receiving gifted services per the Ohio Department of Education's Gifted Operating Standards

A student who is identified as gifted in Superior Cognitive Abilities or Creative Thinking may be challenged through any of the courses listed in the previous table.

SPECIAL EDUCATION PROGRAM

Eligibility for Special Education is determined by state mandated regulations & follows an extensive process in order to qualify for services. Students receiving home instruction also follow the same process for special education. Students may qualify for special education services in one or more of several categories, including: Autism, Deaf-Blindness, Deafness & Hearing Impairment, Emotional Disturbance, Cognitive Disability, Multiple Disabilities, Orthopedic Impairment, Other Health Impairment, Specific Learning Disability, Speech or Language Impairment, Traumatic Brain Injury & Visual Impairment. Once

eligibility is determined, an Individualized Education Plan (IEP) is developed by a team of staff people knowledgeable about the student, including the student's parent/guardian, general education teacher(s), special education teacher(s), a person who can interpret the student's evaluation data & a school representative (the principal or assistant principal). The IEP will determine the student's long-term & short-term goals as well as the services needed to achieve those goals. A conference is held at least annually to review the student's progress & to review the IEP for the following school year.

CAREER AND TECHNICAL EDUCATION (CTE) PROGRAMS

Career and technical education (CTE) courses prepare students for a wide range of high wage, high skill, and high demand careers. CTE programs of study can lead to college readiness, industry certifications, career preparation, and/or internships. Students learn 21st century workforce skills that employers require in addition to honing leadership qualities that will benefit them in future endeavors. TMMS students will have the opportunity to learn about various CTE pathways through the College & Career Readiness course & through visits to Miami Valley CTC.

ATHLETICS

According to the bylaws of the Ohio High School Athletic Association (OHSAA), all middle school students in grades 7-8 MUST be enrolled in & earn passing grades in a minimum of four courses during the immediately preceding grading period to have continuing eligibility. As such, it is the practice of Trotwood-Madison Middle School to enroll all students in at least four courses in order to maintain student eligibility requirements. Students should consult with their coaches, the Athletic Director & their counselor before dropping a course to ensure that they are meeting the mimic requirements to maintain athletic eligibility.

COLLEGE PREPARATION

ADVANCED COURSES

- **Advanced Courses**
  Academic courses that prepare students for future advanced academics courses are referred to as Advanced courses. Advanced courses can be taken in grades 6-8. Emphasis is given to the skills and strategies students need to succeed in advanced academics courses and in post-secondary education.

  The following are indicators of students who typically experience success in Advanced courses:
  - Completion of prerequisite coursework (ex. summer reading or summer project)
  - Successful performance in prerequisite content area courses and/or related courses
  - Reading on or above grade level
  - Strong study skills and self-motivation faced with challenging material at rapid pace of instruction
  - Proficient oral and written communication skills
  - Self-discipline to plan, organize, and carry through tasks to completion

COLLEGE CREDIT PLUS COURSES

College Credit Plus (CCP) is designed to offer students in grades 7-12 college credits by taking courses from a community college or university while still enrolled in high school. CCP promotes rigorous academics & offers a wide variety of courses to students in grades 7-12 who meet college admission requirements. Students & parents do not incur a fee for College Credit Plus courses taken through public colleges & universities.

Students wishing to participate in College Credit Plus should adhere to the following timeline:

- November: CCP Informational meeting held at TMHS
- February: Schedule courses during the registration window
- May: CCP Paperwork due to counselor (intent form, financial responsibility, acknowledgement form), CCP application due to Sinclair
- May: Placement testing conducted at TMHS or individually through Sinclair

In order to participate in CCP, students must meet requirements outlined by the college or university. Students must also meet all pre-requisite requirements outlined by the college or university. As CCP courses are college level courses, the amount of work, pace of the course & rigor of assignments may be much greater than that at TMHS. Grades earned in CCP courses are calculated into the student's TMHS GPA.

A CCP course earning 3 semester hours earns the equivalent of 1 credit at TMHS. A student may not exceed 30 college hours in a given school year through CCP.

TROTWOOD-MADISON MIDDLE SCHOOL COURSE OFFERINGS

ADVANCED COURSE OFFERINGS

ADVANCED ENGLISH LANGUAGE ARTS

ADVANCED LANGUAGE ARTS 6 **Course Code: MS6 ADV-ELA**
Placement: 6 **Term: Year**
Prerequisite: None
Students taking Advanced Language Arts will learn the same content standards as those enrolled in the standard Language Arts course. Students enrolled in advanced coursework can expect an accelerated pace in the course. In this course, students will learn the writing process, including finding meaningful subjects about which to write. They will learn to structure their writing, revise, edit & publish. Students will learn spelling strategies & proper conventions. Students will also examine & find meaning in relevant fiction & non-fiction texts across different genres.

ADVANCED LANGUAGE ARTS 7 **Course Code: MS7 ADV-ELA**
Placement: 7 **Term: Year**
Prerequisite: Advanced Language Arts 6
Students taking Advanced Language Arts will learn the same content standards as those enrolled in the standard Language Arts course. Students enrolled in Advanced coursework can expect an accelerated pace in the course. The 7th grade Language Arts course will focus on reinforcing reading, writing & cognitive-analytical skills for both. Students will refine their skills in reading, writing, speaking & listening. Students will practice their reading comprehension & literary analysis skills.

ADVANCED LANGUAGE ARTS 8 **Course Code: MS8 ADV-ELA**
Placement: 8 **Term: Year**
Prerequisite: Advanced Language Arts 7
Students taking Advanced Language Arts will learn the same content standards as those enrolled in the standard Language Arts course. Students enrolled in Advanced coursework can expect an accelerated pace in the course. Students in the 8th grade Language Arts course will reinforce their reading, writing & cognitive- analytical skills by studying novels, poetry & state examination writing types that are integrated with the study & analysis of research.

ADVANCED MATHEMATICS

ADVANCED MATH 6 **Course Code: MS6 ADV-MATH**
Placement: 6 **Term: Year**
Prerequisite: None
Students taking Advanced Math will learn the same content standards as those enrolled in the standard Math course. Students enrolled in Advanced coursework can expect an accelerated pace in the course. Math 6 is designed to give students a rigorous foundation in core mathematical standards. Areas of focus include connecting ratio & rate to whole number multiplication & division, using ratio & rate to solve problems, completing understanding in division of fractions & extending the notion of the number to the system of rational numbers, including negative numbers, writing, interpreting & using expressions & equations & developing an understanding of statistical thinking.

ADVANCED MATH 7 **Course Code: MS7 ADV-MATH**
Placement: 7 **Term: Year**
Prerequisite: Advanced Math 7
Advanced Math 7 compacts the curriculum of Math 7 & Math 8 in order to prepare students to take Algebra I for high school credit during their 8th grade year. This course is a fast paced program encompassing 100% of the 7th grade math standards & 60% of the Math 8 standards. The Advanced Math 7 course will give students a foundation in pre-algebra concepts in order to prepare students for ALgebra I.

ALGEBRA I **Course Code: MS8 ALG I**
Placement: 8 **Credits: 1**
Prerequisite: None **NCAA Core Course: Yes**
8th grade students taking Algebra I are taking a high school credit bearing course. The grades for this course will appear on a student's final high school transcript & will factor into their overall high school GPA. Students enrolled in the 8th grade Algebra I course are expected to take the Algebra I End of Course (EOC) exam as required by the state of Ohio for graduation. This course provides mastery of algebra skills, including operations with real numbers, simplifying algebraic expressions, solving linear equations & inequalities, solving quadratic equations, exponential functions, simplifying radicals, operating with polynomials & factoring polynomials.

Geometry **Course Code: MS8Geom**
Placement: 8 **Credits: 1**
Prerequisite: Algebra 1 **NCAA Core Course: Yes**
Students enrolled in Geometry are taking a high school credit bearing course. The grades for this course will appear on a student's final high school transcript & will factor into their overall high school GPA. Students enrolled in the geometry course are expected to take the Geometry End of Course (EOC) exam as required by the state of Ohio for graduation. Students study measurements and the relations of planar figures including segments, lines, angles, polygons & circles & of solids such as rectangular solids, pyramids, cylinders, cones & spheres. Course content also includes the development of deductive reasoning & an introduction to basic trigonometry.

ELECTIVES

BUSINESS **Course Code: MS BUS**
Placement: 6-8 **Term: Semester**
Prerequisite: None
This course offers a comprehensive approach to professional development by integrating foundational skills training with a thorough exploration of fundamental business activities and concepts. Through this curriculum, learners not only acquire essential competencies such as communication and critical thinking but also gain a deep understanding of the core functions of business, including marketing, finance, operations, and human resources.

CAREER EXPLORATION **Course Code: MS7CTE**
Placement: 7 **Term: Semester**
Prerequisite: None
The Career Exploration course teaches students how classroom learning translates into marketable career skills. Through hands-on learning, self-exploration & partnerships within the community, students will engage in career related experiences to acquire basic skills in various career fields such as podcasting, sports medicine, public administration, and many others.

COLLEGE & CAREER READINESS **Course Code: MS8CTE**
Placement: 8 **Term: Semester**
Prerequisite: None
Students enroll in the College & Career Readiness course their 8th grade year in order to prepare for meeting state high school graduation requirements & post-secondary goals. Students will learn about state graduation requirements, career pathways, state definitions of college & career readiness & opportunities to earn college & career credentials in their 9-12 grade years. Students will be exposed to various speakers that will discuss the college & career opportunities that await them while enrolled in high school & beyond such as entrepreneurship, teaching, agriculture, and many others.

Computer Science **Course Code: MS7CS**
Placement: 7 **Term: Semester**
Prerequisite: None
Middle School Computer Science empowers students to engage creatively with technology through hands-on projects and problem-solving. Students will explore core computer science concepts while learning to build websites, apps, games, and physical computing devices. The course emphasizes computational thinking, collaboration, and digital creativity. By the end of the course, students will have a strong foundation in coding and a deeper understanding of how technology shapes the world around them.

PROJECT LEAD THE WAY: FLIGHT & SPACE **Course Code: PLTW 6**
Placement: 6 **Term: Semester**
Prerequisite: None
The exciting world of aerospace comes alive through the Flight and Space (FS) unit. Students become engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel and live in space. They solve real-world aviation and space challenges and plan a mission to Mars.

PROJECT LEAD THE WAY: MEDICAL DETECTIVES **Course Code: PLTW I 7**
Placement: 7 **Term: Semester**
Prerequisite: None
Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, and investigate disease outbreaks.

PROJECT LEAD THE WAY: AUTOMATION & ROBOTICS **Course Code: PLTW II 8**
Placement: 8 **Term: Semester**
Prerequisite: None
Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

SPEECH & DEBATE **Course Code: MSSPEECH**
Placement: 6-8 **Term: Semester**
Prerequisite: None
This course uses effective public speaking skills to teach students to be better communicators. Students will develop critical thinking skills & dynamic public speaking skills as a results of this course. Students will learn audience analysis & will be equipped to effectively speak in front of a variety of different types of audiences. Students will gain skills in argumentation by building cases in the affirmative & negative of various systemic issues by identifying the merits of each position.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) **Course Code: MS6TESOL**
Placement: 6 **Term: Year**
Prerequisite: Emerging to Early Int. Level OELPS/OELPA and EL Teacher Recommendation
Middle School TESOL 6 is a beginning to early-intermediate course designed to improve the reading, writing, speaking and listening skills of students who are new to, or progressing in, the study of the English language. Students will work through Ohio's English Language Proficiency (ELP) standards to gain a foundational understanding of the language and progress toward an early intermediate to intermediate level of proficiency. Students who successfully complete this course will have gained the ability to interact and function in both academic and everyday settings in the English-speaking world.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) **Course Code: MS7TESOL**
Placement: 7 **Term: Year**
Prerequisite: Emerging to Early Int. Level OELPS/OELPA and EL Teacher Recommendation
Middle School TESOL 7 is a beginning to early-intermediate course designed to improve the reading, writing, speaking and listening skills of students who are new to, or progressing in, the study of the English language. Students will work through Ohio's English Language Proficiency (ELP) standards to gain a foundational understanding of the language and progress toward an early intermediate to intermediate level of proficiency. Students who successfully complete this course will have gained the ability to interact and function in both academic and everyday settings in the English-speaking world.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) **Course Code: MS8TESOL**
Placement: 8 **Term: Year**
Prerequisite: Emerging to Early Int. Level OELPS/OELPA and EL Teacher Recommendation
Middle School TESOL 8 is a beginning to early-intermediate course designed to improve the reading, writing, speaking and listening skills of students who are new to, or progressing in, the study of the English language. Students will work through Ohio's English Language Proficiency (ELP) standards to gain a foundational understanding of the language and progress toward an early intermediate to intermediate level of proficiency. Students who successfully complete this course will have gained the ability to interact and function in both academic and everyday settings in the English-speaking world.

TECHNOLOGY LITERACY **Course Code: MS TL**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Technology Literacy equips students with the essential skills needed to navigate and use digital tools effectively. Students will gain hands-on experience with both Google and Microsoft Office suites, including Docs, Slides, Sheets, Word, PowerPoint, and Excel. The course also emphasizes digital citizenship, online safety, and responsible technology use. By the end of the course, students will be able to confidently apply technology to support learning, collaboration, and creativity.

ENGLISH LANGUAGE ARTS

FOUNDATIONS OF LANGUAGE ARTS 6 **Course Code: MS6FLA**
Placement: 6 **Term: Semester**
Prerequisite: None
Foundations of English Language Arts is designed to strengthen students' core reading, writing, speaking, and listening skills. Students will engage with a variety of texts to build comprehension, vocabulary, and advanced phonics. Through discussion and collaboration, students will grow in their confidence and communication abilities.

LANGUAGE ARTS 6 **Course Code: MS6LA1**
Placement: 6 **Term: Year**
Prerequisite: None
In this course, students will learn the writing process, including finding meaningful subjects about which to write. They will learn to structure their writing, revise, edit & publish. Students will learn spelling strategies & proper conventions. Students will also examine & find meaning in relevant fiction & non-fiction texts across different genres.

ADVANCED LANGUAGE ARTS 6 **Course Code: MS6 ADV-ELA**
Placement: 6 **Term: Year**
Prerequisite: None
Students taking Advanced Language Arts will learn the same content standards as those enrolled in the standard Language Arts course. Students enrolled in Advanced coursework can expect an accelerated pace in the course. In this course, students will learn the writing process, including finding meaningful subjects about which to write. They will learn to structure their writing, revise, edit & publish. Students will learn spelling strategies & proper conventions. Students will also examine & find meaning in relevant fiction & non-fiction texts across different genres.

FOUNDATIONS OF LANGUAGE ARTS 7 **Course Code: MS7FLA**
Placement: 7 **Term: Semester**
Prerequisite: None
Foundations of English Language Arts is designed to strengthen students' core reading, writing, speaking, and listening skills. Students will engage with a variety of texts to build comprehension, vocabulary, and advanced phonics. Through discussion and collaboration, students will grow in their confidence and communication abilities.

LANGUAGE ARTS 7 **Course Code: MS7LA1**
Placement: 7 **Term: Year**
Prerequisite: Language Arts 6
The 7th grade Language Arts course will focus on reinforcing reading, writing & cognitive-analytical skills for both. Students will refine their skills in reading, writing, speaking & listening. Students will practice their reading comprehension & literary analysis skills.

ADVANCED LANGUAGE ARTS 7 **Course Code: MS7 ADV-ELA**
Placement: 7 **Term: Year**
Prerequisite: Advanced Language Arts 6
Students taking Advanced Language Arts will learn the same content standards as those enrolled in the standard Language Arts course. Students enrolled in Advanced coursework can expect an accelerated pace in the course. The 7th grade Language Arts course will focus on reinforcing reading, writing & cognitive-analytical skills for both. Students will refine their skills in reading, writing, speaking & listening. Students will practice their reading comprehension & literary analysis skills.

FOUNDATIONS OF LANGUAGE ARTS 8 **Course Code: MS8FLA**
Placement: 8 **Term: Semester**
Prerequisite: None
Foundations of English Language Arts is designed to strengthen students' core reading, writing, speaking, and listening skills. Students will engage with a variety of texts to build comprehension, vocabulary, and advanced phonics. Through discussion and collaboration, students will grow in their confidence and communication abilities.

LANGUAGE ARTS 8 **Course Code: MS8LA1**
Placement: 8 **Term: Year**
Prerequisite: Language Arts 7
Students in the 8th grade Language Arts course will reinforce their reading, writing & cognitive-analytical skills by studying novels, poetry & state examination writing types that are integrated with the study & analysis of research.

ADVANCED LANGUAGE ARTS 8 **Course Code: MS8 ADV-ELA**
Placement: 8 **Term: Year**
Prerequisite: Advanced Language Arts 7
Students taking Advanced Language Arts will learn the same content standards as those enrolled in the standard Language Arts course. Students enrolled in Advanced coursework can expect an accelerated pace in the course.Students in the 8th grade Language Arts course will reinforce their reading, writing & cognitive- analytical skills by studying novels, poetry & state examination writing types that are integrated with the study & analysis of research.

CREATIVE WRITING **Course Code: MSCW**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Creative Writing encourages students to express themselves through original stories, poems, and personal narratives. Students will explore various writing styles and literary techniques to develop their unique voice. The course emphasizes the writing process, including brainstorming, drafting, revising, and editing. Through creative exploration, students will build confidence and refine their communication skills.

FINE ARTS

ART

ART **Course Code: MS7ART**
Placement: 7 **Term: Semester**
Prerequisite: None
Art is an exploratory skills-based, visual art course that introduces students to a variety of media, skills & tools. Students will learn about art history & how art is valued in different cultures. This course is based on the Ohio Visual Arts standards and will introduce elements of art & principles of design.

ADVANCED ART **Course Code: MS8ART**
Placement: 8 **Term: Semester**
Prerequisite: None
Advanced Art builds on the skills learned in Art. Students will be exposed to additional mediums of art including painting, drawing, ceramics, & printmaking. Students will execute various projects with advanced levels of sophistication & will engage in more personalized planning in their project's outcome.

BAND

BAND **Course Code: MSBAND**
Placement: 6-7 **Term: Year**
Prerequisite: None
Students enrolled in Band will learn to analyze, practice & perform musical selections independently or collaboratively with technical accuracy & expression. Students will read, write, improvise & describe music using standard musical notation and vocabulary. Students will also classify & describe composers and historical musical periods, including classical, popular & traditional American music & musical cultural blends.

ADVANCED BAND **Course Code: MSADVBAND**
Placement: 8 **Term: Year**
Prerequisite: Band
The advanced band course is for students who wish to continue their education in instrumental performance. Students in Advanced Band will analyze, practice & perform musical selections independently or collaboratively with technical accuracy & expression. Students will read, write, improvise & describe music using standard musical notation and vocabulary. Students will also classify & describe composers and historical musical periods, including classical, popular & traditional American music & musical cultural blends.

CHOIR

CHOIR **Course Code: MSCHOIR**
Placement: 6-8 **Term: Year**
Prerequisite: None
Choir is a course focused on vocal performance. Students will learn basic techniques to improve their voices, note & rhythm reading, performance skills & self-confidence. A wide variety of music will be performed. Students enrolled in Choir are expected to perform at various scheduled performances & formal performance attire is required.

THEATRE

DRAMA **Course Code: MS6DRAM**
Placement: 6 **Term: Semester**
Prerequisite: None
Students enrolled in drama will experience various aspects of production both on stage & behind the scenes. Students will learn how to organize a production, produce a play & use technology for production purposes. Students will perform productions in-class & have opportunities to perform for the school & community. Students will perform monologues, improvisation, pantomimes & learn dialogue from scripts.

MATHEMATICS

FOUNDATIONS OF MATH **Course Code: MSFMA**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Middle School Math Foundations is designed to strengthen students' understanding of essential math concepts and skills. The course focuses on building number sense, fluency with operations, and a solid grasp of fractions, decimals, and ratios. Students will also develop problem-solving strategies and critical thinking skills through real-world math applications. This course provides a strong mathematical base to support success in future math courses.

MATH 6 **Course Code: MS6MA1**
Placement: 6 **Term: Year**
Prerequisite: None
Math 6 is designed to give students a rigorous foundation in core mathematical standards. Areas of focus include connecting ratio & rate to whole number multiplication & division, using ratio & rate to solve problems, completing understanding in division of fractions & extending the notion of the number to the system of rational numbers, including negative numbers, writing, interpreting & using expressions & equations & developing an understanding of statistical thinking.

ADVANCED MATH 6 **Course Code: MS6 ADV MATH**
Placement: 6 **Term: Year**
Prerequisite: None
Students taking Advanced Math will learn the same content standards as those enrolled in the standard Math course.Students enrolled in Advanced coursework can expect an accelerated pace in the course. Math 6 is designed to give students a rigorous foundation in core mathematical standards. Areas of focus include connecting ratio & rate to whole number multiplication & division, using ratio & rate to solve problems, completing understanding in division of fractions & extending the notion of the number to the system of rational numbers, including negative numbers, writing, interpreting & using expressions & equations & developing an understanding of statistical thinking.

MATH 7 **Course Code: MS7MA1**
Placement: 7 **Term: Year**
Prerequisite: Math 6
Topics addressed in the Math 7 course include ratios & proportional reasoning, percentages, integers, rational numbers, expressions, equations & inequalities, geometric figures, area & volume, probability, statistics & performance tasks to develop higher order thinking skills.

ADVANCED MATH 7 **Course Code: MS7 ADV MATH**
Placement: 7 **Term: Year**
Prerequisite: Advanced Math 7
Advanced Math 7 compacts the curriculum of Math 7 & Math 8 in order to prepare students to take Algebra I for high school credit during their 8th grade year. This course is a fast paced program encompassing 100% of the 7th grade math standards & 60% of the Math 8 standards. The Advanced Math 7 course will give students a foundation in pre-algebra concepts in order to prepare students for ALgebra I.

MATH 8 **Course Code: MS8MA1**
Placement: 8 **Term: Year**
Prerequisite: Math 7
Students in Math 8 will develop higher level critical thinking skills & build fluency in core math concepts including ratios & proportional reasoning, percentages, integers, rational numbers, expressions, equations & inequalities, geometric figures, area & volume, probability, statistics & performance tasks to develop higher order thinking skills.

ALGEBRA I **Course Code: MS8 ALG I**
Placement: 8 **Credits: 1**
Prerequisite: None **NCAA Core Course: Yes**
8th grade students taking Algebra I are taking a high school credit bearing course. The grades for this course will appear on a student's final high school transcript & will factor into their overall high school GPA. Students enrolled in the 8th grade Algebra I course are expected to take the Algebra I End of Course (EOC) exam as required by the state of Ohio for graduation. This course provides mastery of algebra skills, including operations with real numbers, simplifying algebraic expressions, solving linear equations & inequalities, solving quadratic equations, exponential functions, simplifying radicals, operating with polynomials & factoring polynomials.

Geometry **Course Code: MS8Geom**
Placement: 8 **Credits: 1**
Prerequisite: Algebra 1 **NCAA Core Course: Yes**
Students enrolled in Geometry are taking a high school credit bearing course. The grades for this course will appear on a student's final high school transcript & will factor into their overall high school GPA. Students enrolled in the geometry course are expected to take the Geometry End of Course (EOC) exam as required by the state of Ohio for graduation. Students study measurements and the relations of planar figures including segments, lines, angles, polygons & circles & of solids such as rectangular solids, pyramids, cylinders, cones & spheres. Course content also includes the development of deductive reasoning & an introduction to basic trigonometry.

PHYSICAL EDUCATION & HEALTH

PHYSICAL EDUCATION **Course Code: MSPE**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Students will learn skills, rules, strategies and sport etiquette in a variety of individual and team sports. Fitness is a part of all Physical Education courses. Students will have the skills and knowledge necessary to develop their own personal physical activity program. Students will assess personal fitness in terms of cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition. Realistic, but challenging, individual goals will be established and a program will be designed to meet identified goals. Students will be expected to actively participate in a variety of fitness activities which may include: running, strength building, stretching, determining body fat percentage, and demonstrating proper technique during exercise. Written assignments and evaluations may be given.

HEALTH **Course Code: MSHE**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Middle School Health Education introduces students to the foundational concepts of health and wellness. Students will explore a variety of topics, including physical, mental, and social health. They will examine the factors that influence personal well-being and how those factors can affect daily choices. The course emphasizes building health literacy to support informed decisions for living a healthier life and learning the skills to perform CPR.

SCIENCE

SCIENCE 6 **Course Code: MS6SC1**
Placement: 6 **Term: Year**
Prerequisite: None
Science 6 focuses on Earth and Space Science, Physical Science, and Life Science. In Earth and Space Science, students will classify and identify different types of rocks, minerals, and soil to decode the past environment in which they formed. In Physical Science, students will study the foundational concepts of

the particulate nature of matter, linear motion, and kinetic and potential energy. In Life Science, students will study the basics of Modern Cell Theory.

SCIENCE 7 **Course Code: MS7SC1**
Placement: 7 **Term: Year**
Prerequisite: Science 6
Science 7 focuses on Earth and Space Science, Physical Science, and Life Science. In Earth and Space Science students will focus on the hydraulic cycle, atmospheric and oceanic currents, and the movement of the Earth, sun, and moon. Physical Science focuses on the Periodic Table and the conservation and transformation of mass and energy. In Life Science students will focus on the impact of matter and energy transfer with the different ecosystems.

SCIENCE 8 **Course Code: MS8SC1**
Placement: 8 **Term: Year**
Prerequisite: Science 7
Science 8 focuses on Earth and Space Science, Physical Science, and Life Science. In Earth and Space Science students will focus on the physical features of Earth and how they formed. In Physical Science, students will focus on forces and motion within, on, and around the earth and within the universe. In life science, students will focus on the continuation of the species.

SOCIAL STUDIES

AFRICAN AMERICAN STUDIES **Course Code: MSAAH**
Placement: 6-8 **Term: Semester**
Prerequisite: None
African American Studies explores the rich history, culture, and contributions of African Americans from pre-colonial Africa to the present day. Students will examine key events, movements, and figures that have shaped the African American experience and influenced American society. The course emphasizes themes of identity, resistance, resilience, and social justice. Through critical thinking, discussion, and analysis of diverse sources, students will gain a deeper understanding of the African American narrative within the broader context of U.S. and world history.

CIVICS **Course Code: MSCIV**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Students will discover the rights and responsibilities of citizenship in the United States. They learn about the structure of the government and how it works at the local, state, and federal levels. This course examines elections, the lawmaking process, and how citizens can impact public policy. Students also discover ways the United States interacts with countries around the world. Geography and economics support the learning of civics in this course. Engaging in this study prepares students to be informed citizens who are ready to participate in the American democracy!

SOCIAL STUDIES 6 **Course Code: MS6SS1**
Placement: 6 **Term: Year**
Prerequisite: None
Students will study the Eastern Hemisphere (Africa, Asia, Australia & Europe) in their 6th grade year. Students will learn geographic features, early history, cultural development & economic change of each region. Students will learn about the development of river civilizations in Africa & Asia, including their governmental systems, cultures & economic systems.

SOCIAL STUDIES 7 **Course Code: MS7SS1**
Placement: 7 **Term: Year**
Prerequisite: Social Studies 6
The 7th grade year integrates the study of World History beginning with ancient Greece & continuing through global exploration. Students will learn how historic events are shaped by geographic, social, cultural, economic & political factors. Students will develop an understanding of how ideas & events from the past have shaped the world today.

SOCIAL STUDIES 8 **Course Code: MS8SS1**
Placement: 8 **Term: Year**
Prerequisite: Social Studies 7
United States history ranging from 1492- 1877 will be studied in the 8th grade year. Students will learn about European exploration & the early years of the United States. Students will see how the United States developed from geographic, social, cultural, economic & political perspectives.

WORLD CULTURES **Course Code: MSWC1**
Placement: 6-8 **Term: Semester**
Prerequisite: None
Students will build their conceptual understanding of change and continuity throughout history. They will explore how ancient cultures have shaped and influenced modern world issues. The course will cover topics such as human origins, early civilizations, and the rise of empires. Students will also examine the development and lasting impact of major world religions.