

# Yukon Middle School

7th-8th Grade  
Course Description Guide  
2020 - 2021

**“Excellence in Education”**



Empowering learners to be self-sustaining,  
successful contributors to life and the global community.

**Dear Students and Families:**

This booklet has been designed to help you make some important decisions for your future. The courses and programs you decide to take while in middle school will affect your high school opportunities. The schedule you select should meet course requirements as well as challenge you academically. During middle school, students shall complete twenty-one (21) units or sets of competencies in grades six (6) through eight(8). Students shall accomplish these requirements by following the suggested coursework pathways at Yukon Middle School, found on the back page of this guide.

Please consult with your teachers, counselors, advisors, administrators, and parents as you make your final decisions.

**Disclaimer**

The policies and regulations of Yukon Public Schools' Board of Education, or any changes to the Board of Education policies and regulations after the printing of this guide, supersede all information provided in this course guide. For more detailed information, patrons are encouraged to refer to the Yukon Public School's Board of Education Policies and Administrative Regulations online at <https://www.yukonps.com/cms/one.aspx?pageid=125066>

**Yukon Middle School  
801 Garth Brooks Blvd  
Yukon, OK 73099**

**7th & 8th Grade  
(405) 354-5274**



**Principal  
TBA**

**Assistant Principals**

**Richard Barlow**

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## Yukon Middle School Coursework Requirements

**21 UNITS** OR SETS OF COMPETENCIES ARE TO BE COMPLETED DURING GRADES 7 - 8

CHECK BESIDE EACH COURSE UPON SUCCESSFUL COMPLETION OF UNIT OR SET OF COMPETENCIES

### ENGLISH [3 UNITS OR SETS OF COMPETENCIES]

GRADE 7 - ENGLISH LANGUAGE ARTS

GRADE 8 - ENGLISH LANGUAGE ARTS

GRADE 7 - ACCELERATED ENGLISH LANGUAGE ARTS

GRADE 8 - ACCELERATED ENGLISH LANGUAGE ARTS

### MATHEMATICS [3 UNITS OR SETS OF COMPETENCIES]

HIGH SCHOOL (HS) MATH COURSES MAY BE TAKEN IN MIDDLE SCHOOL. COURSES WILL APPEAR ON HS TRANSCRIPT, BUT DO NOT COUNT FOR REQUIRED MATHEMATICAL UNITS FOR GRADUATION.

GRADE 7 - MATHEMATICS

GRADE 8 - PRE-ALGEBRA

GRADE 7 - COMPRESSED MATHEMATICS

ALGEBRA I

### LABORATORY SCIENCES [3 UNITS OR SETS OF COMPETENCIES]

GRADE 7 - SCIENCE

GRADE 8 - SCIENCE

GRADE 7 - ACCELERATED SCIENCE

GRADE 8 - ACCELERATED SCIENCE

### HISTORY & CITIZENSHIP SKILLS [3 UNITS OR SETS OF COMPETENCIES]

WORLD GEOGRAPHY: WESTERN HEMISPHERE

WORLD GEOGRAPHY: EASTERN HEMISPHERE

U.S. HISTORY

### ELECTIVES [9 UNITS OR SETS OF COMPETENCIES]

GRADE 7 - ELECTIVES

GRADE 8 - ELECTIVES







This page can be used as a checklist to keep track of completed requirements.

Please contact the appropriate counselor with any enrollment questions.

GRADE LEVEL	COUNSELORS	CONTACT INFORMATION
GRADE 6	Duston Lambakis (A-K)	duston.lambakis@yukonps.com
GRADE 6	Amy Morey (L-Z)	amy.morey@yukonps.com
GRADE 7	Marci Feddersen (A-K)	marci.feddersen@yukonps.com
GRADE 7	Chelsey Carreon (L-Z)	chelsey.carreon@yukonps.com
GRADE 8	Andrya McCormick	andrya.mccormick@yukonps.com

# ENROLLMENT INSTRUCTIONS

- Enrollment forms with appointment times and demographic sheets will be sent home at least one week prior to the student's enrollment meeting.
- Parents should review the information and enrollment form with their students to guide them to select courses before the scheduled enrollment meeting, and sign the appropriate forms.
- Parents should have students return the forms by the given deadline and appropriate teacher.
  - Seventh-grade students return forms to their Geography teacher.
  - Eighth-grade students return forms to their U.S. History teacher.
- All students will be enrolled at their scheduled enrollment times. Parents are welcome to join their student, if possible.
- Students will meet with a counselor or administrator at the assigned time to complete pre-enrollment. Due to the number of students we are enrolling, appointment times cannot be rescheduled.

## CONTEST PARTICIPATION AND DRUG TESTING

All students involved in activities that involve participation in contests will be subject to random drug testing throughout the school year. See your coach or sponsor for more information.

## STATE LAW SUGGESTED TRAINING (Not Required)

### **Industry Safety Training** (*Title 70: Section 11-103.6j*)

April 2015, Senate Bill 262 was passed and signed into law. The State Department of Education, in collaboration with the Oklahoma Department of Labor, shall make available to school districts, information regarding workplace safety training for grades seven through twelve. Such information shall include the Oklahoma Department of Labor's "Youth @ Work Talking Safety: A Safety and Health Curriculum for Young Workers."

### **Oklahoma Alcohol and Drug Abuse Prevention and Life Skills Education Act.** (*70 O.S. § 1210.299-1*)

The Legislature finds that for the purpose of preventing drug and alcohol abuse among our young people, and for preventing or alleviating problems which lead to and are closely associated with drug and alcohol abuse, it is desirable that all Oklahoma school districts develop and implement a curriculum for drug and alcohol abuse prevention for all grade levels.

### **Suicide Awareness and Prevention** (*70 O.S. § 24-100.7.*)

Provide a suicide prevention training program which includes a core element research-based approach that is developed by the school district and the Department of Mental Health and Substance Abuse Services.

## STATE LAW REQUIREMENTS

### **Acquired Immunodeficiency Syndrome (AIDS) Prevention Education** (*70 O.S. § 11-103.3*)

Yukon Public Schools will provide AIDS Prevention Education to students once in grades 5-6, 7-9, and 10-12. Acquired Immunodeficiency Syndrome (AIDS) Prevention Education shall be limited to the discussion of the disease AIDS and its spread and prevention. Yearly previews of the material will be available through each site.

**Assessment Requirements (70 O.S. § 1210.508)**

Federally required state assessments will be administered during the spring semester through the Oklahoma School Test program (OSTP).

	MATH	ELA	SCIENCE
Grade 3	✓	✓	
Grade 4	✓	✓	
Grade 5	✓	✓	✓
Grade 6	✓	✓	
Grade 7	✓	✓	
Grade 8	✓	✓	✓
<b>COLLEGE &amp; CAREER READY ASSESSMENT</b>			
	ACT OR SAT	SCIENCE CONTENT	U.S. HISTORY
Grade 11	✓	✓	✓

 OKLAHOMA STATE DEPARTMENT OF EDUCATION  
CHAMPION EXCELLENCE

## PLACEMENT COURSES

Placement courses will be scheduled for students and are not available for open enrollment. These courses have requirements that define the enrollment and support the academic purpose in order to ensure best practices in instruction and student success.

**ACCELERATED CORE COURSES**

Accelerated courses are an introduction to Advanced Placement courses offered at the high school. They provide a curriculum designed for students who desire an added depth and an increased pace in their learning. The classes involve advanced higher-order thinking and complex problem-solving skills. A student may be required to spend more time outside of class than that required of a student on the on-level track.

CORE SUBJECT	7TH GRADE COURSES	8TH GRADE COURSES
English Language Arts	ACCELERATED ENGLISH LANGUAGE ARTS 7	ACCELERATED ENGLISH LANGUAGE ARTS 8
Math	COMPRESSED MATHEMATICS 7	ALGEBRA I
Science	ACCELERATED SCIENCE 7	ACCELERATED SCIENCE 8

**ELECTIVE COURSES**

Placement Electives will be scheduled for students. The placement may be for one semester or a full year. These courses are considered one of the three electives in which the student shall participate.

<b>ENGLISH LANGUAGE DEVELOPMENT (ELD) COURSES (7th-8th)</b>	<b>COURSE CODE: 1313</b>
<b>PLACEMENT DETERMINATION:</b> Placement by English Learner Acquisition Program (ELAP) committee	
This course focuses on effective strategies for English Language instruction.	

<b>GIFTED EDUCATION (GE) COURSES (7th-8th)</b>	<b>COURSE CODE: 1383</b>
<b>PLACEMENT DETERMINATION:</b> Placement by Gifted & Talented Local Advisory Committee (LAC)	
This course is designed to challenge and stimulate high aptitude students.	

<b>MATHEMATICS ACADEMIC ACHIEVEMENT (7th-8th)</b>	<b>COURSE CODE: 2234</b>
<b>PLACEMENT DETERMINATION:</b> Placement by Academic Achievement Advisory Committee	
Students who show a deficiency, or who need additional support in math based on the previous year's state-mandated math assessment and STAR Math assessments will be placed in this class for remediation.	

<b>ENGLISH LANGUAGE ARTS (ELA) ACADEMIC ACHIEVEMENT (7th-8th)</b>	<b>COURSE CODE: 1134</b>
<b>PLACEMENT DETERMINATION:</b> Placement by Academic Achievement Advisory Committee	
Students who show a deficiency in ELA on the previous year's state-mandated ELA Assessment and STAR Reading assessments will be placed in this class for remediation.	

## 7<sup>TH</sup> GRADE CORE COURSES

### ENGLISH LANGUAGE ARTS 7

1114.7 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** The major purpose of this course is to develop student focus and active engagement with the text. Students are required to use close reading strategies to analyze, identify, explain, and compare and contrast components within a variety of texts. Students are also required to write narrative, expository, and argumentative texts of varying length to demonstrate a command of standard English.

### ACCELERATED ENGLISH LANGUAGE ARTS 7

1114.7A (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This course is designed to be an above-level course in which units of study move at an accelerated pace and provide opportunities for in-depth independent and collaborative projects. The major purpose of this course is to develop student focus and active engagement with the text. Students are required to use close reading strategies to analyze, identify, explain, and compare and contrast components within a variety of texts. Students are also required to write narrative, argumentative, and expository texts of varying length to demonstrate a command of standard English.

***Accelerated courses are an introduction to Advanced Placement courses at the high school. Extra time is required on the part of the Accelerated student for class preparation, outside reading, sophisticated writing assignments, and completion of independent student enrichment projects.***

### TRANSITIONAL ENGLISH 7/8

1313 (YEAR)

**PREREQUISITE:** A score of 3.0 or less on WIDA assessment

**GRADE LEVEL:** 7-8

**DESCRIPTION:** The goal of the class is for non-native English speakers to have access to standard-based curriculum and to receive credit for 7th or 8th grade English Language Arts.

### MATHEMATICS 7

2204.7 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** The 7th-grade curriculum places a major focus on the idea of proportionality and how it relates to rational numbers, rates of change, geometric shapes, and probability. Students discover algebraic formulas for 2D and 3D shapes and develop procedures for solving equations and inequalities by making and testing conjectures. This aids students in making sense of how mathematics applies to real life. Building operational fluency of integers and rational numbers ensures the reasonableness of solutions when using technological tools like calculators. An emphasis on designing experiments, collecting data, and making predictions for concepts such as measures of central tendency, scale representations, and probability becomes apparent in 7th grade. Data represented algebraically, graphically, numerically, and verbally is assessed for functionality, usefulness, and efficiency by students.

## COMPRESSED MATHEMATICS 7

2204.7A (YEAR)

**PREREQUISITE:** Placement by Academic Advisory Committee

**GRADE LEVEL:** 7

**DESCRIPTION:** This course compresses grades 7 & 8 Mathematic OAS into a single course. Concepts covered include proportionality and how it relates to rational numbers, rates of change, geometric shapes, and probability. Discovering algebraic formulas for 2D and 3D shapes and developing procedures for solving equations and inequalities by making and testing conjectures aids students in making sense of how mathematics applies to real life. Building operational fluency of integers and rational numbers ensures the reasonableness of solutions when using technological tools like calculators. Algebraic reasoning, centered around linear functions and rate of change as modeled in real-world and mathematical situations, prepares students for Algebra I. Geometric formulas are introduced, as are the skills necessary to solve one and two variable equations. Designing experiments, collecting data, and making predictions for concepts such as measures of central tendency, scale representations, and probability are part of this course. Data represented algebraically, graphically, numerically, and verbally is assessed for functionality and usefulness. ***Extra time is required for class preparation and completion of complex mathematical work that is focused on complex problem-solving.***

## SCIENCE 7

2276 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Science uses observation and experimentation to explain natural phenomena. In 7th grade science, the three dimensions of science are integrated into instruction. These dimensions include core content from Physical Science, Life

Science, and Earth/Space Science, science and engineering practices, and the common threads or themes that span across science disciplines which are known as the crosscutting concepts. Core concepts for 7th grade include but are not limited to: basic atomic models and chemical reactions, gravitational attraction, transfer of kinetic energy, how environmental and genetic factors influence the growth and survival of organisms, mechanisms for sensing stimuli, genes-chromosomes-genetic variation and technologies that impact them, earth-sun-moon systems and scale of the solar system, weather, climate, and oceanic circulation. Performance expectations represent what 7th graders should know, understand, and be able to do to be proficient in 7th-grade science.

## ACCELERATED SCIENCE 7

2276.A (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Science uses observation and experimentation to explain natural phenomena. In 7th-grade science, the three dimensions of science are integrated into instruction. These dimensions include core content from Physical Science, Life Science, and Earth/Space Science, science and engineering practices, and the common threads or themes that span across science disciplines which are known as the crosscutting concepts. Core concepts for 8th grade include but are not limited to heredity, natural selection, the nervous system, chemical reactions, kinetic and potential energy, weather, and the relation of the earth, moon, and sun in space. Performance expectations represent what 7th graders should know and be able to do to be proficient in 7th-grade science.

***Accelerated courses are an introduction to Advanced Placement courses at the high school. Extra time is required on the part of the Accelerated student for class preparation, outside reading, sophisticated writing assignments and completion of complex projects or labs with complex problem-solving.***

## WORLD GEOGRAPHY: EASTERN HEMISPHERE 7

2316.7 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Geography is the study of the spatial patterns of humans and the physical characteristics of the world and its peoples. This course is designed to help students become geographically informed citizens. Eastern Hemisphere is the second half of the middle school geography program and includes the areas of Africa, Asia, Europe, Australia, and Oceania.

### 7<sup>TH</sup> GRADE ELECTIVES

### CAREER & TECHNOLOGY

## CAREER & COMPUTER APPLICATIONS

1337 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This course is designed to help students develop a self-awareness of the skills they already possess and the skills they will need in order to be successful in the workplace. In addition, students will gain an understanding of the workplace and conduct research regarding various careers in which they are interested. This course will continue the Individual Career and Academic Plan (ICAP) journey for YMS students. The Computer Applications portion of this course will focus on using Microsoft Office Suite.

## PROJECT LEAD THE WAY (PLTW)

### PLTW: FLIGHT & SPACE

8835.FS (SEMESTER) PATHWAY: PRE-ENGINEERING

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Students delve into the history of flight and space, discover the science behind aeronautics, and explore traveling and living in space. Students are then challenged to use their knowledge to design, build, and test an airfoil.

### PLTW: MEDICAL DETECTIVES

8835.MD (SEMESTER) PATHWAY: STEM BIOMEDICAL

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This course is the perfect introduction to health-related fields. Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

## FAMILY AND CONSUMER SCIENCES (FACS)

**Family, Career, and Community Leaders of America (FCCLA)** is an integral part of Family and Consumer Science (FACS) courses. Students are strongly encouraged to become members. While being a member, students will have the opportunity to develop leadership skills, organization skills, participate in community service projects, compete, and much more. Dues are \$20.00 which includes local, state, and national memberships. <http://fccla.org/>

## TWEEN LIFE (FACS)

8411 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This course is designed to assist students in developing essential skills for healthy growth and development. Students will gain skills through setting goals, making good decisions, and developing problem-solving abilities. The course offers students the opportunity to explore learning through hands-on activities in the areas of relationships, physical development, money management, child care, sustainability, and career exploration. The skills gained at this early age will assist in creating a work and family balance in the future. *Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of the course.*

## DRAMA & JOURNALISM

### JOURNALISM I

1155.7J (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** More than just a writing class, this is Journalism! Learn the art of expression through the written word while upholding journalistic integrity. Students and teacher will explore the history of media in America, as well as learn writing and communication techniques to share information with the world. If you are interested in reporting, telling people's stories, and photography, then this is the class for you. In one semester, students will learn about news publishing for the web, advertising, fake news, camera technology, and using a critical eye to get down to the facts.

7th-grade students will also have an opportunity to publish articles on the journalism blog.

[www.newmillernews.rocks](http://www.newmillernews.rocks)

## PATHWAYS TO MUSICAL THEATRE

(Year)

**GRADE LEVEL:** 7/8

**DESCRIPTION:** This year long course is for the student that is interested in auditioning for the musical (revue) that will be performed at STEAMFest the following May. Students will have the opportunity to rehearse, perform, choreograph or stage various scenes from the Broadway genre. In the fall, all students are expected to perform in class. Auditions for the spring musical will be held in December. All musical rehearsals will be after school and/or during REC during the spring semester.

## THEATRE I

1189.7T (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Students will learn to utilize basic actor's tools through exploration. Students will progress from large group-speaking activities to individual speaking presentations, and use theatre terminology. This course provides situations for developing poise and confidence, interacting with others, and appreciating the contributions of others. Coursework will involve pantomime, warm-ups, skits, duets, character analysis, and an introduction to improvisational theatre. Students will learn stage presentation techniques, be expected to memorize lines, and apply audience etiquette.

## YEARBOOK 7/8

1155.78Y (YEAR)

**PREREQUISITE:** Application Required

**GRADE LEVEL:** 7 - 8

**DESCRIPTION:** Students are responsible for producing the school yearbook. Staff members strive to obtain the highest standards of journalism while

meeting the expectations of the YMS student body. Students produce the “Miller Yearbook” using the online program provided by the publishing company. Students are responsible for all photography and hosting school pictures. Extra time outside of class is sometimes required. A 1/2 day workshop before school begins takes place to give students the opportunity to be trained on the publishing program.

## FINE ARTS

### ART 7

1173.7 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This course allows students to explore their creative side as they create visual art, study art appreciation, and gain an understanding of the “Elements and Principles of Art.” They will participate in creating hands-on artwork including drawing, painting and three-dimensional work.

### BAND 7

1195.7 (YEAR)

**PREREQUISITE:** Successful completion of BAND 6 & Director approval

**GRADE LEVEL:** 7

**DESCRIPTION:** Students who completed a year of 6th-grade band and have approval from a band director may enroll in the 7th-grade band. A full year of band study is required for enrollment. Students will meet every day as a full band instead of individual classes. The 7th-grade band is a performance-based organization. Some before and after school rehearsals are required. Students in the 7th-grade band are subject to extracurricular eligibility requirements.

### BOYS CHOIR 7/8

1187.B (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This is a non-audition performance based choir. It is open to any boy who wishes to sing. Students will sing a variety of music while learning music theory and voice development. Participation in concerts and contests is required. Circle the State With Song is an option when enrolled in this choir. **Performance Dress:** Black Polo Style Shirt, Black Pants, Black Shoes, Black Socks must be purchased before the first performance.

### GIRLS CHOIR 7

1187.7G (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This is a non-audition intermediate performance based choir. It is open to any girl who wishes to sing; however, experience from singing in 6th-grade Choir will be helpful. Students will sing a variety of styles of music while learning music theory and voice development. Participation in concerts and contests is required. District and State Honor Choirs are options when enrolled in this choir. **Purchase of Choir Dress is required.**

### SHOW-CHOIR: MILL-AIRES 7/8

1187.78M (SPRING SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This is a performance-based class offered during the spring semester only. Enrollment in the fall semester non-competitive show choir is not required but is strongly encouraged. Students will prepare and perform popular music, understand

fundamental aspects of vocal technique, and study, prepare, choreograph and perform vocal music of various styles and genres. Performances at the YPS Spring Music Festival, YMS STEAMFest, and the Heartland Music Festival are required. Specific choir attire is required. There is a fundraising/rental option for the choir attire.

## SHOW-CHOIR: NON-COMPETITIVE 7/8

1187.78S (FALL SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This is a performance-based class offered during the Fall semester only. Students will understand fundamental aspects of vocal technique, study, prepare, choreograph and perform vocal music of various styles and genres. Performance at the YMS Holiday Follies assembly will be expected. **Specific choir attire (t-shirt) is required.**

**HPERD: Health, Physical  
Education, Recreation, and Dance**

## COMPETITIVE SPORTS 7 (ATHLETICS)

1370.7 (SEMESTER or YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Competitive Sports are offered in basketball, cross-country, football, softball, tennis, track and field, wrestling, and cheerleading. Enrollment in all sports requires the approval of respective coaches. Some sports will have tryouts. **A yearly physical is required. Afterschool - Not a course choice.**

## HEALTH

1343 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This course will provide students an opportunity to develop and understand health concepts, as well as behaviors and skills that reduce health risks and enhance the well-being of themselves and others. Specific topics will include human body systems, personal safety, personal fitness, the prevention and control of communicable and non-communicable diseases, medication and substance abuse, and basic first aid techniques.

## OUTDOOR EDUCATION 7

1363.70E (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** Outdoor Recreation is designed with the purpose of educating today's students on the time-honored traditions of outdoor pursuits. Students will gain skills in archery, bow fishing, hunting & concealment, environmental conservation, stewardship & sustainability, camping, survival, and hiking. A major theme covered is safety; students will leave the class with a certification in Hunter Safety as well as an opportunity to become certified in Boater Safety.

## PHYSICAL EDUCATION 7/8

1363.78 (SEMESTER OR YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** The physical education program is comprised of many sports-related activities. The main goal is to help students become physically fit and enjoy leisure sports and activities. This course is

mainly composed of activities that focus on generalized sports education. **Required dress code is proper tennis shoes.**

## BOYS STRENGTH & CONDITIONING

1363.BSC (SEMESTER OR YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This class provides students with opportunities to develop a greater understanding of strength development, conditioning, flexibility, and nutritional habits. Students are expected to participate and maintain an organized strength program. Participation is designed to improve overall health, increase strength and balance, and promote a life-long healthy lifestyle. Students will be divided into beginner and advanced training programs.

**A yearly physical is required.**

## GIRLS STRENGTH & CONDITIONING

1363.GSC (SEMESTER OR YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This class provides students with opportunities to develop a greater understanding of strength development, conditioning, flexibility, and nutritional habits. Students are expected to participate and maintain an organized strength program. Participation is designed to improve overall health, increase strength and balance, and promote a life-long healthy lifestyle. Students will be divided into beginner and advanced training programs.

**A yearly physical is required.**

## WORLD LANGUAGES

### SPANISH 7

2132.7 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7

**DESCRIPTION:** This semester course is a continuation of grammar and practical vocabulary necessary for fundamental Spanish communication skills. This course introduces the fundamental elements of the Spanish language within a cultural context. Emphasis is on the development of basic listening, speaking, reading, and writing skills.

## 8<sup>TH</sup> GRADE CORE COURSES

For students who satisfactorily complete Algebra 1 in the 7th or 8th Grade:

- High school courses taken as a middle school student will appear on the student's High School transcript. These courses taken in middle school for high school credit will not count as one of the four math courses required for graduation.
- The National Collegiate Athletic Association (NCAA) also does not recognize courses taken in middle school for high school credit as counting toward the required three years of high school mathematics.

### GIFTED EDUCATION (GE) COURSES (7th-8th) COURSE CODE: 1383

**PLACEMENT DETERMINATION:** Placement by Gifted & Talented Local Advisory Committee (LAC)

This course is designed to challenge and stimulate high aptitude students.

## ENGLISH LANGUAGE ARTS 8

1114.8 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Four essential strands are taught: reading, writing, vocabulary, and language. Areas of focus in reading may include comprehension, literature, analysis and evaluation, and research of both fiction and nonfiction texts. Students will acquire essential writing skills in order to produce fully developed and organized pieces for a variety of

purposes. Academic vocabulary will be acquired and used proficiently. All students will practice using correct grammar and mechanics in speaking and writing.

## ACCELERATED ENGLISH LANGUAGE ARTS 8

1114.8A (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** In addition to the 8th grade Language Arts requirements, accelerated students will be required to read an assigned number of works during the year for a variety of purposes. Annotation and analysis of texts will be stressed in order to prepare students for rigorous AP requirements in high school. Vocabulary is at a more advanced level in Accelerated. Successful Accelerated students are typically task-oriented, proficient readers who are able to set priorities in regard to time and responsibilities. Parental support also plays a key role in the success of these students. Students may be asked to purchase paperback copies of novels needed.

***Accelerated courses are an introduction to Advanced Placement courses at the high school. Extra time is required on the part of the Accelerated student for class preparation, outside reading, sophisticated writing assignments and completion of complex projects or labs with complex problem-solving.***

## TRANSITIONAL ENGLISH 7/8

1313 (YEAR)

**PREREQUISITE:** A score of 3.0 or less on WIDA assessment

**GRADE LEVEL:** 7-8

**DESCRIPTION:** The goal of the class is for non-native English speakers to have access to standard-based curriculum and to receive credit for 7th or 8th grade English Language Arts.

## PRE-ALGEBRA

2217 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** In Pre-Algebra, students will focus primarily on Algebraic Reasoning, centered around linear functions and rate of change as modeled in real-world and mathematical situations, which prepares students for Algebra I. Emphasis will be focused on justifying steps used in solving equations and inequalities, implementing a variety of methods to represent their solutions within context, and checking work using substitution, graphing and estimation. Students will develop skills to fluently calculate and apply to one and two variable equations, including the geometric formulas used in Surface Area, Volume, and Pythagorean Theorem.

## ALGEBRA I

4411 (YEAR)

**PREREQUISITE:** COMPRESSED MATH 7 or PRE-ALGEBRA and approval of Academic Advisory Committee

**GRADE LEVEL:** 8

**DESCRIPTION:** This course emphasizes and expands student understanding of linear equations with one variable and linear functions in Pre-Algebra. Students will deepen their knowledge of multiple representations of data and situations. They will develop mathematical reasoning by using symbolic and visual representations including graphs, tables, verbal or written statements and algebraic equations to solve and communicate solutions in real-world situations. Students will achieve procedural fluency in the four major strands: Numbers & Operations; Algebraic Reasoning & Algebra, solving linear equations and inequalities, using them to solve real-world problems, and evaluating expressions; Functions, recognize functions and their families in real-world; and Data & Probability. Algebra 1 is the high school course to

prepare students for Geometry and Algebra 2 concepts.

## SCIENCE 8

2286 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Science uses observation and experimentation to explain natural phenomena. In 8th grade science, the three dimensions of science are integrated into instruction. These dimensions include core content from Physical Science, Life Science, and Earth/Space Science, science and engineering practices, and the common threads or themes that span across science disciplines which are known as the crosscutting concepts. Core concepts for 8th grade include but are not limited to conservation of matter, thermal energy interactions, Newton's Laws, waves, introduction to cellular respiration, fossils, and geologic strata, plate motion, energy cycling, sources and consumption of natural resources and catastrophic events. Performance expectations represent what 8th graders should know, understand, and be able to do to be proficient in 8th- grade science.

## ACCELERATED SCIENCE 8

2286.A (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Science uses observation and experimentation to explain natural phenomena. In 8th-grade science, the three dimensions of science are integrated into instruction. These dimensions include core content from Physical Science, Life Science, and Earth/Space Science, science and engineering practices, and the common threads or themes that span across science disciplines which are known as the crosscutting concepts. Core concepts for 8th grade include but are not limited to conservation of matter, thermal energy interactions, Newton's Laws, waves, introduction to cellular respiration, fossils and geologic strata, plate motion,

energy cycling, sources and consumption of natural resources and catastrophic events. Performance expectations represent what 8th graders should know, understand, and be able to do to be proficient in 8th-grade science.

**Accelerated courses are an introduction to Advanced Placement courses at the high school. Extra time is required on the part of the Accelerated student for class preparation, outside reading, sophisticated writing assignments and completion of complex projects or labs with complex problem-solving.**

## U.S. HISTORY

2325 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** The focus in United States History for Grade 8 is the American Revolution through the Civil War and Reconstruction Eras (1754-1877). The student will examine in greater depth the factors, events, documents, significant individuals, and political ideas that led to the formation of the United States of America.

8<sup>TH</sup> GRADE ELECTIVES

CAREER & TECHNOLOGY

## AGRICULTURE EXPLORATION & ORIENTATION

8001 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** This course is designed to be the introduction of courses in agricultural education. Course content emphasizes science-based

approaches to the agricultural industry, natural resources, animal science, plant/horticulture and soil science, agricultural safety, agribusiness, and economic principles, careers, and agricultural mechanics. **Animals are NOT required.**

## CAREER PLANNING & COMPUTER APPLICATIONS II

1338 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** This course will help students chart their course for success in chosen career pathways utilizing a variety of resources. It will also require that students practice soft skills through role-playing, modeling, interviewing and problem-solving real-life scenarios. Students will also continue to develop an educational plan for high school coursework as part of their Individual Career and Academic Program (ICAP). The Computer Applications portion of this course will incorporate lessons which utilize numerous resources to enhance student collaboration and presentation skills utilizing Google Drive and other technology.

PROJECT LEAD THE WAY  
(PLTW)

## PLTW: APP CREATOR

8838.AC (SEMESTER) PATHWAY: COMPUTER SCIENCE

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Let's create an APP! This course will expose students to computer science as a means of computationally analyzing and developing solutions to authentic problems through mobile app development.

## PLTW: AUTOMATION & ROBOTICS

8838.AR (YEAR) PATHWAY: PRE-ENGINEERING

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** 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 may choose to be a member of the Technology Student Association (TSA). TSA is a national organization that provides student members an opportunity to participate in fun and challenging activities and is an integral part of a student's opportunity for personal growth and leadership development. Student competitions will require time outside of the school day. Eligibility requirements apply to TSA competitors.

## PLTW: COMPUTER SCIENCE FOR INNOVATORS & MAKERS

8838.CS (SEMESTER) PATHWAY: COMPUTER SCIENCE

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** In this course, students apply the design process to design numerous projects including building a playground, furniture, and many others. Students are challenged to creatively use sensors and actuators to develop systems that interact with their environment.

## PLTW: GREEN ARCHITECTURE

8838.GA (SEMESTER) PATHWAY: PRE-ENGINEERING

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Today's students have grown up in the age of "green" choices. This course will teach

students how to apply the "green" concept to the fields of architecture and construction.

## FAMILY AND CONSUMER SCIENCES (FACS)

**Family, Career, and Community Leaders of America (FCCLA)** is an integral part of Family and Consumer Science (FACS) courses. Students are strongly encouraged to become members. While being a member, students will have the opportunity to develop leadership skills, organization skills, participate in community service projects, compete, and much more. Dues are \$20.00 which includes local, state, and national memberships. <http://fcclainc.org/>

## FAMILY AND CONSUMER SCIENCE BASICS

1165 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** This course is designed to provide students with basic information and skills needed to function effectively with the family and a changing, complex society. Emphasis is given to the development of competencies related to relationships, communication and conflict resolution, caring for children, designing personal space, basic sewing skills, clothing selection and care, promoting good health and nutrition, food selection and preparation, and career exploration. Upon completion of this course, the student will have developed basic life skills that promote a positive influence on the quality of life. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course. **HS Credit Awarded for Successful Completion of the Course.**

## DRAMA & JOURNALISM

### ADVANCED COMPETITIVE

#### ACTING, SPEECH & DEBATE

1189.8 (YEAR)

**GRADE LEVEL:** 8

**DESCRIPTION:** Advanced Competitive Acting, Speech, and Debate is the advanced component of theatre. Students who enroll in this course will work collaboratively using all skills built upon from prior theatre courses. In the fall semester, the end goal will be to produce a one-act play for the community and in the spring, the class will work on individual events that are part of the OSSAA competitive speech competitions with the end goal of competing in a middle school competitive speech tournament. Students interested in taking this class must submit an application and must be approved by the teacher.

#### BROADCAST JOURNALISM

1416 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Broadcast journalism is a multimedia elective course in which students will produce a news broadcast. The course will use technology in conjunction with traditional journalism practices that will be released to "Miller Chat" teachers to share with the student body. Students will gain experience in journalism while seeing the necessity of effective writing, technology and communication skills. Students will also be exposed to the multitude of career components which are a part of producing a visual newscast.

### PATHWAYS TO MUSICAL THEATRE

(Year)

**GRADE LEVEL:** 7/8

**DESCRIPTION:** This year long course is for the student that is interested in auditioning for the musical (revue) that will be performed at STEAMFest the following May. Students will have the opportunity to rehearse, perform, choreograph or stage various scenes from the Broadway genre. In the fall, all students are expected to perform in class. Auditions for the spring musical will be held in December. All musical rehearsals will be after school and/or during REC during the spring semester.

#### TECHNICAL THEATRE/ STAGECRAFT

1189.8TS (YEAR)

**PREREQUISITE:** Application Required

**GRADE LEVEL:** 8

**DESCRIPTION:** Technical Theatre provides students with a wide range of knowledge in the behind-the-scenes realm of the performing arts, operation of sound, lights, video, rigging, and special effects. Stagecraft introduces safety, basic techniques of scenery and property construction, tool use, painting, design, and stage organization.

**NOTE: This is an 8<sup>th</sup> grade, 7<sup>th</sup> hour extracurricular course with mandatory after school, night, and weekend performances required. All activities are at the FAC. A "C" in class and an overall 2.0 GPA are required. No transportation will be provided after extended work days.**

## THEATRE II

1189.8T (SEMESTER)

**PREREQUISITE:** Theatre I

**GRADE LEVEL:** 8

**DESCRIPTION:** Theatre II is a continuing course meant to be taken after Theatre I. In this course students continue to build upon their actor tools through further exploration. Students will learn the importance of “ensemble” through many warm-up and collaborative activities as well as continuing to build upon their knowledge of theatre terminology. Coursework will involve ensemble work, warm-ups, stage and body movement, character and script analysis, improvisational theater, reader’s theatre, and an introduction to monologue. Students will be expected to apply stage presentation techniques, memorize lines, and apply audience etiquette.

## YEARBOOK 7/8

1155.78Y (YEAR)

**PREREQUISITE:** Application Required

**GRADE LEVEL:** 7-8

**DESCRIPTION:** Students are responsible for producing the school yearbook. Staff members strive to obtain the highest standards of journalism while meeting the expectations of the YMS student body. Students produce the “Miller Yearbook” using the online program provided by the publishing company. Students are responsible for all photography and hosting school pictures. Extra time outside of class is sometimes required. A 1/2 day workshop before school begins takes place to give students the opportunity to be trained on the publishing program.

## FINE ARTS

### ART 8

1173.8 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** This course will build on knowledge gained in 7th-grade art. Students will participate in a broad scope of visual art production, art appreciation, and an understanding of the “Elements and Principles of Art”. Students will learn about art theories as they participate in creating hands-on artwork, including drawing, painting, and ceramics.

### ADVANCED ART 8

1173.8A (YEAR)

**PREREQUISITE:** Application required

**GRADE LEVEL:** 8

**DESCRIPTION:** This course is a continuation of 7th-grade art with a review and application of the “Elements and Principles of Art”. The students will have the opportunity to explore art techniques and mediums in greater depth. Emphasis will be placed on creativity and each student finding their specific artistic strengths. Projects include drawing, painting, printmaking, and ceramics. This class is designed for those who wish to be involved in creating art the entire school year.

## BAND 8

1195.8 (YEAR)

**PREREQUISITE:** BAND 6, BAND 7, & Teacher Approval

**GRADE LEVEL:** 8

**DESCRIPTION:** Students who have completed 6th grade and 7th-grade band may enroll in the 8th-grade band. Students will meet every day as a full band. The 8th-grade band is a performance-based organization. Some before and after school rehearsals are required. 8th-grade band members are subject to extracurricular eligibility requirements.

## BOYS CHOIR 7/8

1187.B (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This is a non-audition performance based choir. It is open to any boy who wishes to sing. Students will sing a variety of music while learning music theory and voice development. Participation in concerts and contests is required. Circle the State With Song is an option when enrolled in this choir.

**Performance Dress:** Black Polo Style Shirt, Black Pants, Black Shoes, Black Socks must be purchased before the first performance.

## GIRLS CHOIR 8

1187.8G (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** This is a non-audition advanced performance-based choir. It is open to any girl who wishes to sing; however, experience from singing in 6th and 7th-grade Choir will be helpful. Students will sing a variety of music while learning music theory and voice development.

Participation in concerts and contests is required. District and State Honor Choirs are options when enrolled in this choir. **Purchase of Choir Dress is required.**

## SHOW-CHOIR: MILL-AIRES 7/8

118.78M (SPRING SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This is a performance-based class offered during the spring semester only. Enrollment in the fall semester non-competitive show choir is not required, but is strongly encouraged. Students will prepare and perform popular music, understand fundamental aspects of vocal technique, and study, prepare, choreograph and perform vocal music of various styles and genres. Performances at the YPS Spring Music Festival, YMS STEAMFest, and the Heartland Music Festival are required. **Specific choir attire is required.** There is a fundraising/rental option for the choir attire.

## SHOW-CHOIR: NON-COMPETITIVE 7/8

1187.78M (FALL SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This is a performance-based class offered during the Fall semester only. Students will understand fundamental aspects of vocal technique, study, prepare, choreograph and perform vocal music of various styles and genres. Performance at the YMS Holiday Follies assembly will be expected. **Specific choir attire (t-shirt) is required.**

## HPERD: Health, Physical Education, Recreation, and Dance

### ANATOMY OF SPORTS

978 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** This course teaches students how and why the body works the way it does. Class Topics: Muscle Anatomy, Sports Nutrition/Weight Management, Bone Structure, Muscles in Motion, Inner Body System, and the Body's Response to Exercise and Physical Activity.

### COMPETITIVE SPORTS 8 (ATHLETICS)

1370.8 (SEMESTER or YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Competitive Sports are offered in basketball, cross-country, football, softball, tennis, track and field, wrestling, and cheerleading. Enrollment in all sports requires the approval of respective coaches. Some sports will have tryouts. **A yearly physical is required. Afterschool - Not a course choice.**

### OUTDOOR EDUCATION 8

1363.8OE (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Outdoor Education is designed with the purpose of educating today's students on the time-honored traditions of outdoor pursuits. Students will gain skills in archery, bow fishing, hunting &

concealment, environmental conservation, stewardship & sustainability, camping, survival, and hiking. A major theme covered in Outdoor Recreation is safety; students will leave the class with a certification in Hunter Safety as well as an opportunity to become certified in Boater Safety.

### PHYSICAL EDUCATION 7/8

1363.78 (SEMESTER)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** The physical education program is comprised of many sports-related activities. The main goal is to help students become physically fit and enjoy leisure sports and activities. This course is mainly composed of activities that focus on generalized sports education. **Required dress code is proper tennis shoes.**

### BOYS STRENGTH & CONDITIONING

1363.BSC (SEMESTER OR YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This class provides students with opportunities to develop a greater understanding of strength development, conditioning, flexibility and nutritional habits. Students are expected to participate and maintain an organized strength program. Participation is designed to improve overall health, increase strength and balance, and promote a life-long healthy lifestyle. Students will be divided into beginner and advanced training programs. **A yearly physical is required.**

## GIRLS STRENGTH & CONDITIONING

1363.GSC (SEMESTER OR YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 7-8

**DESCRIPTION:** This class provides students with opportunities to develop a greater understanding of strength development, conditioning, flexibility, and nutritional habits. Students are expected to participate and maintain an organized strength program. Participation is designed to improve overall health, increase strength and balance, and promote a life-long healthy lifestyle. Students will be divided into beginner and advanced training programs.

**A yearly physical is required.**

## WORLD LANGUAGES

### SPANISH I

3161 (YEAR)

**PREREQUISITE:** None

**GRADE LEVEL:** 8

**DESCRIPTION:** Spanish I is a high school level class designed to help the student develop basic language skills such as listening, speaking, reading, and writing. It also expands student concepts of the cultural background of the Spanish-speaking world. Vocabulary is reinforced and speaking, reading and writing skills are developed.

***HS Credit Awarded for Successful Completion of the Course.***

### GIFTED EDUCATION (GE) COURSES (7th-8th)

**COURSE CODE: 1383**

**PLACEMENT DETERMINATION:** Placement by Gifted & Talented Local Advisory Committee (LAC)

This course is designed to challenge and stimulate high aptitude students.

# SUGGEST CORE COURSEWORK PATHWAYS

SUGGESTED PATHWAYS ARE FOR GUIDANCE PURPOSES ONLY AND ARE NOT MANDATORY AS LISTED.

<b>ENGLISH LANGUAGE ARTS</b>		
<b>GRADE</b>	<b>PATH I</b>	<b>PATH II (ACCELERATED)</b>
7TH	GRADE 7 - ENGLISH LANGUAGE ARTS	GRADE 7 - ACCELERATED ENGLISH LANGUAGE ARTS
8TH	GRADE 8 - ENGLISH LANGUAGE ARTS	GRADE 8 - ACCELERATED ENGLISH LANGUAGE ARTS

<b>MATHEMATICS</b>		
<b>GRADE</b>	<b>PATH I</b>	<b>PATH II (ACCELERATED)</b>
7TH	GRADE 7 - MATHEMATICS	GRADE 7 - COMPRESSED MATHEMATICS
8TH	PRE-ALGEBRA	ALGEBRA I

<b>SCIENCE</b>		
<b>GRADE</b>	<b>PATH I</b>	<b>PATH II (ACCELERATED)</b>
7TH	GRADE 7 - SCIENCE	GRADE 7 - ACCELERATED SCIENCE
8TH	GRADE 8 - SCIENCE	GRADE 8 - ACCELERATED SCIENCE

<b>SOCIAL STUDIES</b>	
<b>GRADE</b>	<b>PATH I</b>
7TH	WORLD GEOGRAPHY: EASTERN HEMISPHERE
8TH	U.S. HISTORY