



# GRADES 7 AND 8

## 2025-26 COURSE DESCRIPTION GUIDE

The mission of the West Chester Area School District is to educate and inspire our students to achieve their personal best.

### Parent Information Nights

PMS - Tuesday, January 28, 2025

FMS & SMS - Thursday, January 30, 2025



[Fugett Middle School](#)  
Office: 484-266-2900



[Peirce Middle School](#)  
Office: 484-266-2500



[Stetson Middle School](#)  
Office: 484-266-2700

## PURPOSE

The intent of this Course Description Guide is to provide students and parents with descriptions of courses offered in the middle schools of the West Chester Area School District.

## MIDDLE SCHOOL COURSE SELECTION TIMELINE

DATE	CURRENT 6 <sup>TH</sup> & 7 <sup>TH</sup> GRADE (These students will be in 7 <sup>th</sup> & 8 <sup>th</sup> Grade in 2025-26)
January 13 through January 31	Teacher recommendation window
Tuesday, January 28	Peirce Middle School Virtual Grade 7 & 8 Parent Information Night
Thursday, January 30	Fugett and Stetson Middle Schools Virtual Grade 7 & 8 Parent Information Night
Monday, February 3 through Friday, February 21	Student and families course selection week
Wednesday, March 14	Recommendations may be viewed on the Parent Portal. All requests to change course selections and/or recommendations must be submitted to the student's counselor.
Friday, March 21	Course change deadline - Course level waiver recommendations require administrative approval beyond this date.

## HOW ARE GRADES REPORTED IN MIDDLE SCHOOL?

In middle school, each teacher will assess students throughout their course. The purpose of any academic assessments is to measure and evaluate student achievement levels to ensure that all students are meeting the appropriate grade level standards. Using the information from these assessments, teachers will adjust their instruction to support all learners. Teachers will then synthesize these assessment data points and provide a marking period grade as a point of feedback to students and families on their progress in meeting the appropriate grade level standards.

## GRADING SCALE

A+= 97-100	A = 93-96	A- = 90-92
B+= 87-89	B = 83-86	B- = 80-82
C+= 77-79	C = 73-76	C- = 70-72
F = below 70		

## PLACEMENT DECISIONS

Placement of students into appropriate courses is an important factor that contributes to student success. To make appropriate decisions, middle school teams will consider multiple data points in the decision-making process. These data points will include student performance in class as evidenced by their report card grades, student performance on state assessments, and their current teacher's recommendation. In addition, local assessment data may be considered should any be available for individual students.

## LEVEL RECOMMENDATION GUIDELINES

### ACCELERATED HONORS:

Accelerated Honors courses are designed for students who can learn advanced content at an accelerated pace. These courses provide students with a rigorous curriculum that extends beyond grade level standards. These courses promote collaborative and self-directed learning through a variety of instructional activities and assessments.

### HONORS:

Honors courses are designed for students who can learn enriched content at a challenging pace. These courses provide students with a rigorous, grade level curriculum. These courses promote collaborative, guided, and self-directed learning through a variety of instructional activities and assessments.

### GRADE LEVEL:

Grade level courses are designed for students who can learn at a continuous pace. These courses provide students with essential skills and content knowledge aligned to grade level standards. These courses promote collaborative and guided learning through a variety of instructional activities and assessments.

### HIGH SCHOOL CREDIT IN MIDDLE SCHOOL:

High school credit is not offered for courses taken in middle school.

## CHANGES AFTER THE SCHOOL YEAR BEGINS

Students may consider [level changes after September 12th](#). Level changes will be honored provided they are in the best interest of the student and seats are available as a result of a level change.

Course changes into or out of a performing music after September 13th will only be processed after the completion of the marking period in which the request was made. These changes can be processed if there are available seats in the newly requested course(s).

## THE KEYSTONE EXAMS

The Keystone Exams are one component of Pennsylvania's system of high school graduation requirements. Keystone Exams help assess student proficiency of the Pennsylvania Core Standards - standards aligned with expectations for success in college and the workplace. In order to receive a diploma, students must also meet local district credit and attendance requirements, along with any additional district requirements.

Beginning with the class of 2023, Chapter 4 Rules and Regulations for the state of Pennsylvania require that students must demonstrate proficiency on the Algebra 1, Biology, and Literature Keystone Exams in order to graduate. Students will be offered multiple opportunities to take the Keystone Exams throughout their high school careers. Additionally, Act 158 and Act 6 established alternative pathways to meet statewide graduation requirements.

## SECONDARY ENGLISH COURSE SEQUENCE

<b>6th Grade</b>	ENGLISH/READING GRADE LEVEL	ENGLISH/READING HONORS	ENGLISH ACCELERATED HONORS	
<b>7th Grade</b>	ENGLISH GRADE LEVEL	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
<b>8th Grade</b>	ENGLISH GRADE LEVEL	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
<b>9th Grade</b>	ENGLISH CAREER & COLLEGE PREP	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
<b>10th Grade</b>	ENGLISH CAREER & COLLEGE PREP	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
<b>11th Grade</b>	LANGUAGE CAREER & COLLEGE PREP	LITERATURE CAREER & COLLEGE PREP	ENGLISH HONORS	AP LANGUAGE & COMP.
<b>12th Grade</b>	LANGUAGE CAREER & COLLEGE PREP	ENGLISH CAREER & COLLEGE PREP BRITISH LITERATURE & SELECTIVE	ENGLISH HONORS BRITISH LITERATURE & SELECTIVE	AP LITERATURE & COMP.

*STUDENTS WHO EXCEL AT ONE LEVEL MAY PROGRESS TO A HIGHER LEVEL THE FOLLOWING YEAR.*

## SECONDARY MATHEMATICS COURSE PROGRESSION

6th Grade	MATH 6 GRADE LEVEL	MATH 6 HONORS	MATH 6 ACCELERATED HONORS	
7th Grade	MATH 7 GRADE LEVEL	MATH 7 HONORS	ALGEBRA 1 (7) ACCELERATED HONORS	
8th Grade	MATH 8 GRADE LEVEL	ALGEBRA 1 (8) HONORS	GEOMETRY 8 ACCELERATED HONORS	
9th Grade	ALGEBRA 1A	ALGEBRA	GEOMETRY	ALGEBRA 2
10th Grade	ALGEBRA 1B	GEOMETRY	ALGEBRA 2	PRE-CALCULUS
11th Grade	GEOMETRY	ALGEBRA 2	PRE-CALCULUS	CALCULUS
12th Grade Electives	ALGEBRA 2 STATISTICS COMPUTER SCIENCE	PRE-CALCULUS STATISTICS COMPUTER SCIENCE	CALCULUS STATISTICS COMPUTER SCIENCE	CALCULUS STATISTICS COMPUTER SCIENCE

### SECONDARY MATHEMATICS:

Course content and pacing are offered at various levels of ability to meet the needs of students. The goal of each course is to challenge, but not overwhelm, students. Students should consult with their current math teachers to help determine appropriate levels. The most rigorous course level offered is AP/ Accelerated Honors followed by Honors. Career & College Prep courses are taught at a college-prep level. Below is a listing of the levels at which each course is offered:

Algebra 1:	Honors, Career & College Prep
Geometry:	Accelerated Honors, Honors, Career & College Prep
Algebra 2:	Accelerated Honors, Honors, Career & College Prep
Pre-Calculus:	Accelerated Honors, Honors, Career & College Prep
Calculus:	AP-BC, AP-AB, Honors
Statistics:	AP, Honors, Career and College Prep

**ALL STUDENTS MUST SUCCESSFULLY COMPLETE THREE MATH COURSES TO GRADUATE.**

## SCHOOL COUNSELOR ASSIGNMENTS

Counselor assignments for the 2025-26 school year are also listed below and on the back cover of this course guide.

### FUGETT MIDDLE SCHOOL:

Malina Bowen, Grade 6  
[mbowen@wcasd.net](mailto:mbowen@wcasd.net)  
 484-266-2914

Mike Cassidy, Grade 7  
[mcassidy@wcasd.net](mailto:mcassidy@wcasd.net)  
 484-266-2912

Bernadette Simpson, Grade 8  
[bsimpson@wcasd.net](mailto:bsimpson@wcasd.net)  
 484-266-2911

### PEIRCE MIDDLE SCHOOL:

Stephanie Roesener, Grade 6  
[sroesener@wcasd.net](mailto:sroesener@wcasd.net)  
 484-266-2513

Lauren Gibb, Grade 7  
[lgibb@wcasd.net](mailto:lgibb@wcasd.net)  
 484-266-2511

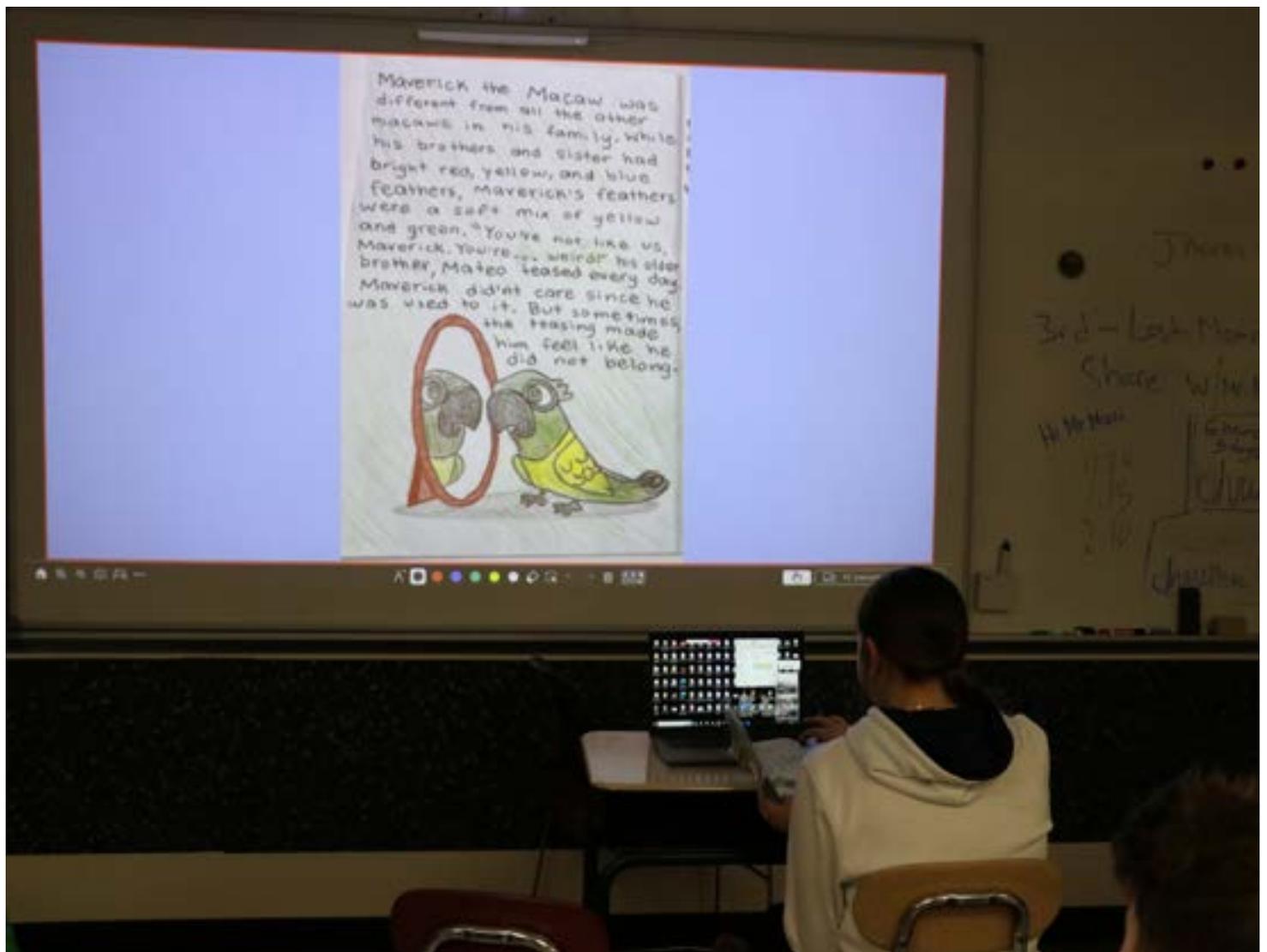
Beata Starr, Grade 8  
[bstarr@wcasd.net](mailto:bstarr@wcasd.net)  
 484-266-2512

### STETSON MIDDLE SCHOOL:

Bobby Schwartz, Grade 6  
[rschwartz@wcasd.net](mailto:rschwartz@wcasd.net)  
 484-266-2713

Michaela Moncus, Grade 7  
[mmoncus@wcasd.net](mailto:mmoncus@wcasd.net)  
 484-266-2712

Tim Bryan, Grade 8  
[tbryan@wcasd.net](mailto:tbryan@wcasd.net)  
 484-266-2711



# WEST CHESTER AREA SCHOOL DISTRICT

## 2025-26 COURSE DESCRIPTION GUIDE BY GRADE

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

#### LANGUAGE ARTS - ENGLISH (7<sup>TH</sup> GRADE)

All English classes include the study of a variety of texts: novels, poetry, short stories, drama, and nonfiction, which includes speeches, biographies, autobiographies and editorials. Integrating reading, speaking, listening, writing, and viewing skills encourages critical thinking and effective communication. Students also study grammar, spelling and vocabulary according to a grade level scope and sequence.

The specific data points that middle school teams will consider for placement into seventh grade reading and English courses are as follows: teacher recommendation, historical and current PSSA performance in reading and writing, and sixth grade reading and English report cards. School teams may also consider additional data points that maybe available for individual students.

#### ENGLISH 7 ACCELERATED HONORS

Students learn to analyze, explain, and evaluate elements of literature and write at an accelerated pace and is recommended for avid readers, advanced writers, critical thinkers and those who have a passion for Language Arts.

#### ENGLISH 7 HONORS

Teaches students to analyze, explain, and evaluate elements of literature and writing at a challenging pace.

#### ENGLISH 7 GRADE LEVEL

Teaches students to explain, evaluate and analyze elements of literature and writing at a continuous pace.

#### LANGUAGE ARTS - READING (7<sup>TH</sup> GRADE)

If a student chooses to take a world language, that student will not take reading in 7<sup>th</sup> grade.

#### READING THROUGH TIME 7 HONORS

This course is for self-directed students who apply advanced reading strategies independently across all content areas.

#### READING THROUGH TIME 7 GRADE LEVEL

Provides additional instruction and practice in developing reading skills and strategies in all content areas.

#### READING PLUS PHONICS

This course replaces another content area course.

Based on multiple data points, students will be enrolled in this class as an intervention to support the decoding and reading of words using the Just Words program and focusing on phonetical skills.

#### READING PLUS COMPREHENSION

This course replaces another content area course.

Based on multiple data points, students will be enrolled in this class as an intervention to support comprehension of text. Students will immerse into research based strategies to support student understanding of the elements of texts from a multitude of genres.

## MATHEMATICS (7TH GRADE)

All Math classes include the following content as outlined by state standards: rational numbers, algebraic expressions, equations and inequalities, ratios and proportions, angle properties, geometric construction, volume & surface area, and statistics & probability.

The specific data points that middle school teams will consider for placement into seventh grade mathematics courses are as follows: teacher recommendation, historical and current PSSA performance in math, and sixth grade math grades. Furthermore, school teams may consider additional data points that may be available for individual students.

### ALGEBRA 1 ACCELERATED HONORS

Algebra 1 requires abstract thinking and higher-order problem solving. The content includes algebraic properties, linear equations and functions, inequalities, systems of equations and inequalities, exponents, exponential functions, quadratic equations and functions, polynomials and factoring, rational equations and functions, radicals and data and probability. Students enrolled in Algebra 1 will take the Keystone exam at the end of their course. A score of proficient or higher on the Algebra Keystone Exam is a high school graduation requirement.

### MATHEMATICS 7 HONORS

Mathematics 7 Honors requires a focus on abstract thinking with an exposure to higher-order problems. The course provides students with a foundation of skills and abstract reasoning and incorporates a challenging pace and level of rigor in preparation for taking Algebra 1 the following year.

### MATHEMATICS 7 GRADE LEVEL

Abstract thinking is embedded throughout the Mathematics 7 Grade Level course to support the concrete representation of numbers. In this course, students continue the progression to understanding the abstract elements of math while reinforcing numeracy skills.

### MATH PLUS 7 INTERVENTION

This course replaces a 2 day Unified Arts class

Math Plus is designed to provide intense, formal math intervention. Students who are recommended to participate will be selected based on need as determined by multiple data. Math Plus is in addition to a student's core math class.

## SCIENCE (7TH GRADE)

### SCIENCE 7

The seventh grade science curriculum emphasizes and assesses the core ideas, science and engineering practices, and crosscutting concepts of the Pennsylvania STEELS standards. Using a phenomenon-based approach to learning, students explore the principles of chemistry, physics, and physical science while also investigating some earth & space science, life science, and environmental science concepts and skills. Primary core ideas include forces, motion, energy, chemical interactions, and wave properties. The course includes multidimensional laboratory activities, design thinking, and literacy strategies. Students have a variety of opportunities to explore ideas, develop scientific skills, and make connections to other disciplines and fields of study. Through their course experiences, students actively pose questions and make observations, develop explanations and understanding of scientific concepts and processes, and further prepare for future learning opportunities.

## SOCIAL STUDIES (7TH GRADE)

### AMERICAN HISTORY TO 1787

Seventh grade American History studies the peopling of the Americas through the Articles of Confederation. Students will study the geography, economics, history and governmental structures that existed in American society during this time period.

## WORLD LANGUAGE (7TH GRADE)

In Level 1 World Language classes, students develop the skills of listening, understanding, speaking, reading, and writing at a beginner's level. The course includes vocabulary building, development of basic structural patterns, listening comprehension exercises, instructional games, role-playing, and exploration of culture. Listening and speaking skills are combined with written work for evaluation. Students have the option to take: **FRENCH 1, GERMAN 1, ITALIAN 1, LATIN 1, SPANISH 1**

If students opt to take a World Language, the course will replace reading instruction.

## 7TH GRADE UNIFIED ARTS COURSES

### WHAT ARE UNIFIED ARTS IN THE MIDDLE SCHOOL?

Unified Arts courses allow students the opportunity to explore a variety of areas, such as Computer Science, Family & Consumer Sciences, and Technology Education. Students will have two periods of unified arts each day, rotating through the variety of courses offered.

### THE 6-DAY CYCLE

All WCASD Middle Schools operate on a 6 day cycle, with students rotating throughout a variety of robust learning experiences. Below, you will see how the unified arts pair with each other to offer our students a robust and exciting exploration of the unified arts.

Full Year Courses:

The following classes meet for 2 days out of the 6 day cycle for the entire year.

- [Health](#)
- [Music](#) - Students have the option of selecting Band, Chorus, Orchestra or Music Product & Technology.
- [Physical Education](#)

Quarter Courses:

The following classes will meet for a quarter, which is one marking period. Each of these courses will meet every day of the 6 day cycle.

- [Art](#)
- [Computer Science](#)
- [Family & Consumer Science](#)
- [Technology Education](#)

## A SAMPLE SCHEDULE

Please note that this schedule is provided to our students and their families as a SAMPLE only. All three middle schools have different periods for their lunches and Unified Arts courses. Additionally, all 3 middle schools hold their advisory periods (CARE period at FMS, Falcon Period at SMS, and Pride Period at PMS) at different times throughout the week.” Our school based teams work hard to ensure that all students have a schedule that allows students to achieve their personal best. Course Descriptions follow on next page. .

	S	MP	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Homeroom	S1	Q1	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom
		Q2						
	S2	Q3						
		Q4						
Period 1	S1	Q1	World Cultures and Geography					
		Q2						
	S2	Q3						
		Q4						
Period 2	S1	Q1	Reading or World Language					
		Q2						
	S2	Q3						
		Q4						
Period 3	S1	Q1	Physical Education	Physical Education	Music	Music	Health	Health
		Q2						
	S2	Q3						
		Q4						
Period 4	S1	Q1	Art	Art	Art	Art	Art	Art
		Q2	Technology Education					
	S2	Q3	Family & Consumer Sci.					
		Q4	Computer Science					
Period 5	S1	Q1	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
		Q2						
	S2	Q3						
		Q4						
Period 6	S1	Q1	Science	Science	Science	Science	Science	Science
		Q2						
	S2	Q3						
		Q4						
Period 7	S1	Q1	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics
		Q2						
	S2	Q3						
		Q4						
Period 8	S1	Q1	English	English	English	English	English	English
		Q2						
	S2	Q3						
		Q4						

## ART (7TH GRADE)

The various styles and time periods or “isms” of art are the focus of the art program. Students use a variety of media to produce creative and personal projects that demonstrate understanding of stylistic differences in art. Elements and principles of design are incorporated into aesthetic and critical analysis of art.

## COMPUTER SCIENCE (7TH GRADE)

The Computer Science curriculum consists of an exploration of digital products using a variety of software tools to address topics such as hardware, binary numbers, emerging technologies and technology careers. Digital citizenship topics include Internet safety as well as legal and ethical issues such as copyright and fair use. Students will explore computer programming using a variety of software applications and enhance their skills in digital literacy, information communication technology, and web design principles.

## FAMILY AND CONSUMER SCIENCE (7TH GRADE)

**The seventh grade Family and Consumer Science program has two primary areas of focus, listed below. Each area of focus meets every day for half a marking period.**

### FOOD SCIENCE

Students explore food safety and prevention of food borne illness, accuracy in measurement, leavening agents and chemical changes in food preparation, nutritional analysis and food labeling, and lab experiments using vegetables and other healthy food choices. Students apply knowledge learned as they complete lab experiences and critique their performance as members of a team.

### CHILD CARE AND PERSONAL FINANCE

Students explore child growth and development and examine decision-making and problem-solving skills related to the care of children. Students design activities for children that focus on toy safety and children’s literature. Students create a business plan using information related to credit, income, expenses, savings, and decision making. Consumer rights and responsibilities as well as the effects of advertising are also explored.

## HEALTH (7TH GRADE)

The middle school Health Education Program is designed to motivate and encourage active student participation in developing life skills for optimal emotional, mental, physical, and social health. The curriculum is aligned with the Pennsylvania Academic Standards for Health, Safety & Physical Education and is delivered in a variety of teaching styles to optimize and accommodate student learning. A main goal of the program is for students to apply the knowledge gained to make healthy lifestyle decisions.

## PHYSICAL EDUCATION (7TH GRADE)

The middle school Physical Education Program provides cognitive, affective and psychomotor learning opportunities aligned with the Pennsylvania Academic Standards for Health, Safety & Physical Education in order to gain a better appreciation, working knowledge and understanding of the importance of maintaining a healthy lifestyle through physical activity. Students engage in a wide variety of activities including team sports, cooperative games, personal fitness, lifetime pursuits, team building and indoor rock climbing. Classes are differentiated to meet all levels of ability and students are encouraged to optimize their participation by being prepared with a required uniform.

## MUSIC (7TH GRADE)

Middle school students may register for ONE performing ensemble class (Band, Chorus, Orchestra) OR they will be enrolled in Music Production & Technology.

### **BAND**

Students who play band instruments are given the opportunity to perform many styles of literature from classical to contemporary. The development of technical skills, musical knowledge, and self discipline, as well as learning to work together as a unified organization, are important elements of the band program.

**Prerequisites:** (1) essential technical skills on a band instrument as prescribed in the district band curriculum; and (2) approval by the band director.

### **CHORUS**

Each grade level practices and performs varied selections of choral literature while working toward developing tone, intonation, diction, blend, balance, and breathing techniques. Furthermore, students will continue to improve their music literacy, ear-training/audiation skills, and sight-reading abilities. Chorus is designed for students who have a high level of interest in singing and improving their vocal skills.

### **STRING ORCHESTRA**

Students who play string instruments are given the opportunity to perform many styles of string ensemble/orchestral literature ranging from baroque to jazz. Students develop their technique and knowledge of scales and rhythms as well as their sensitivity to style and character of the music. As a community of people, members of the string orchestra learn to work together with self discipline toward a common goal: excellence in performance.

**Prerequisites:** (1) essential technical skills on a violin, viola, cello or double bass and (2) approval by the middle school string directors.

### **MUSIC PRODUCTION & TECHNOLOGY**

Music Production & Technology students study a variety of topics, digital audio workstations (DAW), including music theory, music history, instrumentation, composition, musical careers, recording, and the music industry. Building upon the skills and technologies learned in 6th grade classroom music, students will explore how to integrate their knowledge and skills to produce a variety of musical pieces, reflective of different styles, cultures, and time periods.

## TECHNOLOGY EDUCATION (7TH GRADE)

### **SUSTAINABLE DESIGN & ENERGY**

This course is an interdisciplinary technology & engineering course that focuses on sustainable design and energy, and the impacts that renewable and non-renewable resources have on the community and the global environment and economy. Through various projects, laboratory activities, field studies, and research, students will explore how various resources and systems can be sustainable and the impacts that energy has on resource development and availability. This course will provide opportunities to investigate current issues and topics in engineering and related career fields.



## 8TH GRADE ACADEMIC COURSES

### LANGUAGE ARTS - ENGLISH (8TH GRADE)

All English classes include the study of a variety of texts: novels, poetry, short stories, drama, and nonfiction, which includes speeches, biographies, autobiographies and editorials. Integrating reading, speaking, listening, writing, and viewing skills encourages critical thinking and effective communication. Students also study grammar, spelling and vocabulary according to a grade level scope and sequence.

The specific data points that middle school teams will consider for placement into eighth grade reading and English courses are as follows: teacher recommendation, historical and current PSSA performance in reading and writing, and seventh grade reading and English report cards. School teams may also consider additional data points that maybe available for individual students.

#### **ENGLISH 8 ACCELERATED HONORS**

This course is recommended for avid readers, advanced writers, critical thinkers and those who have a passion for Language Arts. This class teaches students to analyze, explain and evaluate elements of literature and write at an accelerated pace.

#### **ENGLISH 8 HONORS**

This class teaches students to analyze, explain, and evaluate elements of literature and writing at a challenging pace.

#### **ENGLISH 8 GRADE LEVEL**

This class teaches students to explain, evaluate, and analyze elements of literature and writing at a continuous pace.

### LANGUAGE ARTS - READING (8TH GRADE)

#### **READING AND WRITING FOR LIFE GRADE LEVEL**

This course is an elective designed for students who wish to explore, in more creative detail, reading and writing genres. Students will refine their reading and writing skills through the studies of various fiction and nonfiction elements and through different genres of reading and writing materials. This course may be taken instead of a language.

#### **READING PLUS PHONICS**

This course replaces another content area course.

Based on multiple data points, students will be enrolled in this class as an intervention to support the decoding and reading of words using the Just Words program and focusing on phonetical skills.

#### **READING PLUS COMPREHENSION**

This course replaces another content area course.

Based on multiple data points, students will be enrolled in this class as an intervention to support comprehension of text. Students will immerse into research based strategies to support student understanding of the elements of texts from a multitude of genres.

## MATHEMATICS (8TH GRADE)

The specific data points that middle school teams will consider for placement into eighth grade mathematics courses are as follows: teacher recommendation, historical and current state performance in math, and seventh grade math grades. School teams may also consider additional data points that may be available for individual students.

### ALGEBRA 2 ACCELERATED HONORS

This course will not appear on the student's high school transcript

Content includes equations and inequalities, linear equations and functions, systems of linear equations and inequalities, matrices, quadratic functions, polynomials and polynomial functions, powers, roots and radicals, exponential and logarithmic functions, rational equations and functions, quadratic relations, sequences and series, probability and statistics. The content is presented with advanced applications of algebraic skills and concepts.

*Prerequisite:* Successful completion of or concurrent enrollment in Geometry.

### GEOMETRY 8 ACCELERATED HONORS

Geometry content includes a rigorous study of reasoning and proof, perpendicular and parallel lines, congruent triangles, properties of triangles, quadrilaterals, transformations, similarity, right triangles and trigonometry, circles, area, surface area, and volume.

*Prerequisite:* Successful completion of Algebra 1.

### ALGEBRA 1 GRADE 8 HONORS

Algebra 1 requires abstract thinking for the study of higher-order problem solving. The content includes algebraic properties, linear equations and functions, inequalities, systems of equations and inequalities, exponents, exponential functions, quadratic equations and functions, polynomials and factoring, rational equations and functions, radicals, measurement and data and probability. Students enrolled in Algebra 1 will take the Keystone exam at the end of their course. A score of proficient or higher on the Algebra Keystone Exam is a high school graduation requirement.

*Prerequisite:* Successful completion of Mathematics 7.

### PRE-ALGEBRA 8

Pre-Algebra requires a focus on abstract thinking as an introduction to algebraic concepts. The content includes exponents, scientific notation, linear equations and systems of equations, functions, Pythagorean theorem, geometric transformations, congruence & similarity, and statistics & probability.

### MATH PLUS 8 INTERVENTION

This course replaces a two-day Unified Arts class

Math Plus is designed to provide intense, formal math intervention. Students who are recommended to participate will be selected based on need as determined by multiple data. Math Plus is in addition to a student's core math class.



## SCIENCE (8TH GRADE)

The eighth grade science curriculum emphasizes and assesses the core ideas, science and engineering practices, and crosscutting concepts of the Pennsylvania STEELS standards. Using a phenomenon-based approach to learning, students explore the principles of earth & space science while also investigating some physical science, life science, and environmental science concepts and skills. Primary core ideas include the universe and its stars, Earth's history, materials, and systems, the role of water, weather and climate, natural resources and hazards, and human impacts on Earth's systems. The course includes multidimensional laboratory activities, design thinking, and literacy strategies. Students have a variety of opportunities to explore ideas, develop scientific skills, and make connections to other disciplines and fields of study. Science 8 is offered at both grade level and honors levels.

## SOCIAL STUDIES (8TH GRADE)

### U.S. HISTORY (1787-1914)

Eighth grade American History studies the Constitutional Era (1787) up to the Progressive Period (1914). Students will study the geography, economics, history and governmental structures that existed in American society during this time period. This course is offered at both the Grade Level and Honors Level.



## WORLD LANGUAGE (8TH GRADE)

If students opt to take a World Language, the course will replace reading instruction.

### LEVEL 1 LANGUAGES

In all World Language Classes, students develop the skills of listening, understanding, speaking, reading, and writing at a beginner's level. The course includes vocabulary building, development of basic structural patterns, listening comprehension exercises, instructional games, role-playing, and exploration of culture. Listening and speaking skills are combined with written work for evaluation. Students have the option to take: **FRENCH 1, GERMAN 1, ITALIAN 1, LATIN 1, SPANISH 1**

### LEVEL 2 LANGUAGES

In all Level 2 languages, students continue their study of listening, understanding, speaking, reading, and writing, and explore certain aspects of the country's culture. The course includes vocabulary building through dialogues, readings and role playing, extension of grammatical structures, and cultural materials. Oral skills are emphasized and evaluated.

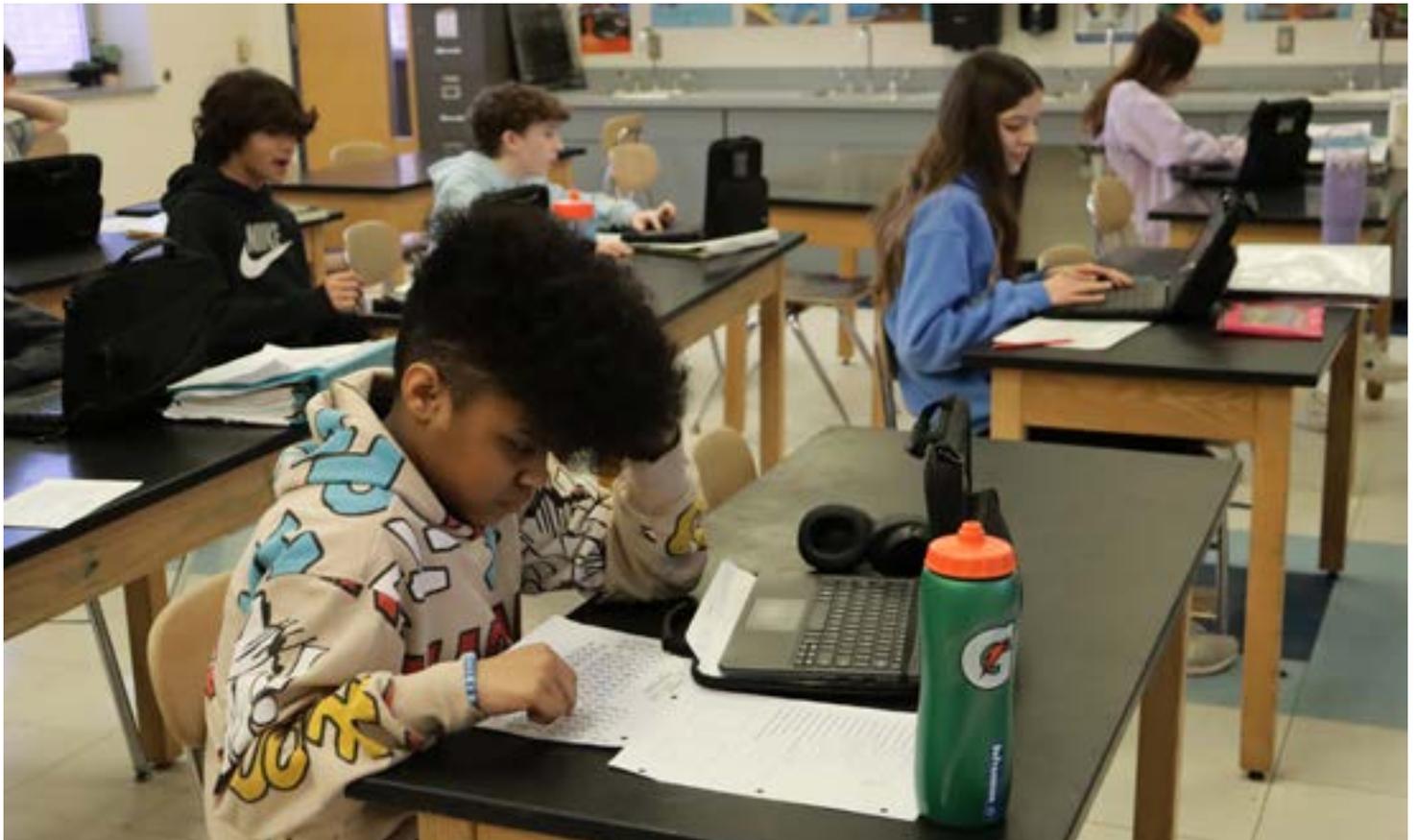
**FRENCH 2** - Prerequisite: Successful completion of French 1.

**GERMAN 2** - Prerequisite: Successful completion of German 1.

**ITALIAN 2** - Prerequisite: Successful completion of Italian 1.

**LATIN 2** - Prerequisite: Successful completion of Latin 1.

**SPANISH 2** - Prerequisite: Successful completion of Spanish 1.



## 8TH GRADE UNIFIED ARTS COURSES

### WHAT ARE UNIFIED ARTS IN THE MIDDLE SCHOOL?

Unified Arts courses allow students the opportunity to explore a variety of areas, such as Computer Science, Family & Consumer Sciences, and Technology Education. In 8th Grade, students will continue to have two periods of Unified Arts instruction, following the 6 day cycle.

#### Required Courses

All 8th grade students are required to take both Health & Physical Education in their 8th grade year. Both meet 2 days out of the 6 day cycle for the entire year.

#### Performing Music Elective

Students who select to participate in a performing ensemble (Band, Chorus, Orchestra) will have that class for the full year (2 days out of the cycle).

Students who DO NOT enroll in a performing ensemble will be enrolled in the following courses for 2 days, for a marking period each:

- [Design for the Real World](#)
- [Digital Media Creator](#)
- [Internet and Web Design](#)
- [Teen Impact](#)

Additionally, all 8th grade students will have the opportunity to select between a variety of electives in the Humanities and the STEM fields. Students will take two Humanities courses and two STEM courses throughout the year. See pages 18-19 for course descriptions of each.

Humanities Options Pick two	STEM Options Pick two
<a href="#">Art in 2 Dimension</a> <a href="#">Art in 3 Dimension</a> <a href="#">Family &amp; Culture</a> <a href="#">Guitar</a> <a href="#">Popular Music</a>	<a href="#">Food &amp; Culture</a> <a href="#">Innovative Coding</a> <a href="#">Junior Entrepreneur</a> <a href="#">Structural Design &amp; Civil Engineering</a> <a href="#">Transportation Engineering and Design</a>

### HUMANITIES (8TH GRADE)

#### ART IN TWO DIMENSIONS

Students explore the creative and imaginative world of two-dimensional design using a variety of materials for personal expression. This elective builds on students' prior art knowledge and develops new techniques using computer applications and other media. Emphasis is on individual skill development. The vocabulary and critiquing techniques demonstrated by students are used to evaluate their work.

#### ART IN THREE DIMENSIONS

Students explore a variety of media to both create and learn about three-dimensional art. Architecture, sculpture and other dimensional forms have height, width and depth. Students use design considerations in the art production process. Varied materials such as clay, textiles, plaster, cardboard, wood and found objects are used to develop three-dimensional projects.

## FAMILY & LIFE ESSENTIALS

This course is designed to explore family and community through real life situations. With an emphasis on practical reasoning and problem solving, students will engage in activities related to family life stages, the development and needs of children, budget conscious meal planning and preparation, event and space planning, goal setting, as well as nutritional requirements throughout life.

## GUITAR

This is an introductory class intended for students of all musical backgrounds. Objectives include exploring the fundamentals of guitar performance, learning to identify and read various forms of guitar notation, playing individually as well as in groups, understanding the musical concepts of melody, harmony, rhythm, and form and to develop a deeper appreciation for all styles of music.

## POPULAR MUSIC

It provides an overview of the musical roots and trends which have influenced today's popular music styles. Critical listening and group activities help students explore many popular music styles, including hip hop, rap, jazz, blues, reggae, musical theatre, punk, funk, heavy metal, and much more. The use of technology in music is also a topic of study. Students achieve a greater understanding of stylistic influences that make up popular music of yesterday and today.

## STEM (8TH GRADE)

### FOOD & CULTURE

A comprehensive foods course with a focus on the factors that affect dietary choices including multi-cultural cuisine, food trends, food science, and individual health & wellness. Within a cooperative learning environment students will engage in a variety of interactive activities, including meal planning, food preparation, and recipe evaluation.

### INNOVATIVE CODING

In this course, students will utilize coding to build and design games, animations, and other digital media. Students will be utilizing a variety of coding languages to create their games and digital media. During this process, students will be able to tailor their digital designs to reflect their own unique and personal interests.



**JUNIOR ENTREPRENEUR**

Students will engage in an experience similar to Shark Tank® where they will design and promote a product. This includes creating a brand name, interactive website, social media account and video commercial to highlight their product. The course will conclude with a presentation of their product where students will have the chance to promote their product and entice investors.

**STRUCTURAL DESIGN & CIVIL ENGINEERING**

This course is an interdisciplinary technology & engineering course that focuses on structural design and planning, civil engineering, and the influences on our community and the connection to issues related to development. Through various projects, laboratory activities, field studies, and research, students will explore how communities, both local and global, are designed, developed, and maintained. Students will investigate current issues and topics in engineering and related career fields.

The practical, hands-on component of this course is essential. Students will have the opportunity to investigate many issues, design projects, research relevant career fields, develop sustainable buildings and structures, and explore policies and ethical considerations of building and maintaining public spaces.

**TRANSPORTATION ENGINEERING AND DESIGN**

This is a hands-on course that emphasizes innovation and engineering skills using the engineering design process. Students enrolled in this course are engaged in researching, designing and creating working models of various transportation devices. Students explore the physics of propulsion and aerodynamics. The connections between science, technology, engineering, and mathematics (STEM), are used throughout the course.

**PHYSICAL EDUCATION (8TH GRADE)**

Physical Education Program provides cognitive, affective and psychomotor learning opportunities aligned with the Pennsylvania Academic Standards for Health, Safety & Physical Education in order to gain a better appreciation, working knowledge and understanding of the importance of maintaining a healthy lifestyle through physical activity. Students engage in a variety of activities including team sports, cooperative games, personal fitness, lifetime pursuits, team building and indoor rock climbing. Classes are differentiated to meet all levels of ability and students are encouraged to optimize their participation by being prepared with a required uniform.

**HEALTH (8TH GRADE)**

Health Education Program is designed to motivate and encourage active student participation in developing life skills for optimal emotional, mental, physical, and social health. The curriculum is aligned with the Pennsylvania Academic Standards for Health, Safety & Physical Education and is delivered in a variety of teaching styles to optimize and accommodate student learning. A main goal of the program is for students to apply the knowledge gained to make healthy lifestyle decisions.

**MUSIC (8TH GRADE)**

Middle school students may register for ONE performing ensemble class (band, chorus, orchestra).

**BAND**

Students who play band instruments are provided the opportunity to perform many styles of literature from classical to contemporary. The development of technical skills, musical knowledge and self discipline, as well as learning to work together as a unified organization, are important elements of the band program.

**Prerequisites:** (1) essential technical skills on a band instrument as prescribed in the district band curriculum; and (2) approval by the band director.

**CHORUS**

Each grade level practices and performs varied selections of choral literature while working toward developing tone, intonation, diction, blend, balance, and breathing techniques. Furthermore, students will continue to improve their music literacy, ear-training/audiation skills, and sight-reading abilities. Chorus is designed for students who have a high level of interest in singing and improving their vocal skills.

**STRING ORCHESTRA**

Students who play string instruments are given the opportunity to perform many styles of string ensemble/orchestral literature, from baroque to jazz. Students develop their technique and their knowledge of scales and rhythms as well as their sensitivity to style and character of the music. As a community of people, members of the string orchestra learn to work together with self discipline toward a common goal: excellence in performance.

Prerequisites: essential technical skills on a violin, viola, cello or double bass middle school string directors.

## MEDIA & TECHNOLOGY (8TH GRADE)

**Students who do not enroll in Band, Chorus, or Orchestra will complete all of the following courses.**

**DESIGN FOR THE REAL WORLD**

Students engage in hands-on activities from various areas of technology, including materials, manufacturing, and design.

**DIGITAL MEDIA CREATOR**

In this class, students will explore multiple ways of creating and sharing dynamic, engaging interactive content with an emphasis on the use of video as a means of communication. The process of digital media design will include the planning, creating and editing of the project while utilizing various hardware and software tools to enhance a digital product.

**INTERNET AND WEB DESIGN**

Students will explore tools that enhance the interactive nature of the internet. Students will design and build a website while also focusing on the interface and layout of a website and its various functions. Studies will also include how a network operates as well as a continued focus on digital citizenship. Student projects will highlight their selections in writing and visual components to communicate with an audience.

**TEEN IMPACT**

In this course, students will explore authentic, project-based, and service-oriented learning opportunities. Students will actively engage in critical thinking and problem solving processes based on real world needs and concerns. Citizenship, communication, character building, and resource management will provide the foundation for learning opportunities and skill development.

## A SAMPLE SCHEDULE FOR STUDENTS IN PERFORMING ENSEMBLE

Please note that this schedule is provided to our students and their families as a SAMPLE only. All three middle schools have different periods for their lunches and Unified Arts courses. Additionally, all 3 middle schools hold their advisory periods (CARE period at FMS, Falcon Period at SMS, and Pride Period at PMS) at different times throughout the week.” Our school based teams work hard to ensure that all students have a schedule that allows students to achieve their personal best. Course Descriptions follow on next page.

	S	MP	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Homeroom	S1	Q1	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom
		Q2						
	S2	Q3						
		Q4						
Period 1	S1	Q1	World Cultures and Geography					
		Q2						
	S2	Q3						
		Q4						
Period 2	S1	Q1	Reading or World Language					
		Q2						
	S2	Q3						
		Q4						
Period 3	S1	Q1	Physical Education	Physical Education	Music	Music	Health	Health
		Q2						
	S2	Q3						
		Q4						
Period 4	S1	Q1	Popular Music					
		Q2	Structural Design & Civil Engineering					
	S2	Q3	Family & Life Essentials					
		Q4	Innovative Coding					
Period 5	S1	Q1	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
		Q2						
	S2	Q3						
		Q4						
Period 6	S1	Q1	Science	Science	Science	Science	Science	Science
		Q2						
	S2	Q3						
		Q4						
Period 7	S1	Q1	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics
		Q2						
	S2	Q3						
		Q4						
Period 8	S1	Q1	English	English	English	English	English	English
		Q2						
	S2	Q3						
		Q4						

7th Grade Courses

7th Grade Unified Arts

8th Grade Courses

8th Grade Unified Arts

**A SAMPLE SCHEDULE FOR STUDENTS NOT IN PERFORMING ENSEMBLE**

Please note that this schedule is provided to our students and their families as a SAMPLE only. All three middle schools have different periods for their lunches and Unified Arts courses. Additionally, all 3 middle schools hold their advisory periods (CARE period at FMS, Falcon Period at SMS, and Pride Period at PMS) at different times throughout the week.” Our school based teams work hard to ensure that all students have a schedule that allows students to achieve their personal best. Course Descriptions follow on next page.

	S	MP	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Homeroom	S1	Q1	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom
		Q2						
	S2	Q3						
		Q4						
Period 1	S1	Q1	World Cultures and Geography					
		Q2						
	S2	Q3						
		Q4						
Period 2	S1	Q1	Reading or World Language					
		Q2						
	S2	Q3						
		Q4						
Period 3	S1	Q1	Digital Media Creator	Digital Media Creator	Physical Education	Physical Education	Health	Health
		Q2	Teen Impact	Teen Impact				
	S2	Q3	Design for the Real World	Design for the Real World				
		Q4	Internet & Web Design	Internet & Web Design				
Period 4	S1	Q1	Transportation Engineering and Design					
		Q2	Guitar	Guitar				
	S2	Q3	Food & Culture	Food & Culture				
		Q4	Art in 3 Dimension	Art in 3 Dimension				
Period 5	S1	Q1	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
		Q2						
	S2	Q3						
		Q4						
Period 6	S1	Q1	Science	Science	Science	Science	Science	Science
		Q2						
	S2	Q3						
		Q4						
Period 7	S1	Q1	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics	Mathematics
		Q2						
	S2	Q3						
		Q4						
Period 8	S1	Q1	English	English	English	English	English	English
		Q2						
		Q3						

7th Grade Courses

7th Grade Unified Arts

8th Grade Courses

8th Grade Unified Arts

## SPECIALIZED PROGRAMS (7TH-8TH GRADES)

### ENGLISH LANGUAGE DEPARTMENT (ELD)

English Learners (EL) in the West Chester Area School District represent over 38 different native languages.

The goal of the West Chester Area School District's ELD Program is to facilitate the development and attainment of English proficiency and academic achievement of students whose native or first language is not English and to ensure equitable access to academic content, school resources, and programs. The foundation for the curriculum is a standards-based curriculum aligned to the English Language Development Standards and the Pennsylvania State Academic Standards.

### GIFTED PROGRAM

The WCASD Middle School Gifted Education Enrichment Program supports individualized instructional programs tailored to fit the needs of each identified gifted student. Students can select from a range of courses and topics based on their interests. The variety of course offerings range from Model UN to Language Forensics and Science investigations. In addition to the course offerings, the Middle School Gifted Program also engages students in seminars, field trips, regional competitions, independent study, and guest speaker events.

### SPECIAL EDUCATION

Special education services are provided at the middle school for those students who have an Individualized Education Program (IEP). Services include a variety of supports as determined appropriate for each individual child by the IEP team.



# SCHOOL COUNSELOR ASSIGNMENTS FOR 2025-26 SCHOOL YEAR

## FUGETT MIDDLE SCHOOL:

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**The mission of the West Chester Area School District is  
"to educate and inspire our students to achieve their personal best."**



## ACKNOWLEDGEMENT

The middle school administration would like to commend the efforts of the staff from Fugett Middle School, Peirce Middle School, and Stetson Middle School for their cooperation in making this Course Description Guide a reality. Through their collective vision, we have been able to bring West Chester Area School District's middle school model into a unified organization that will provide consistency while enlightening our students with an exciting and fulfilling educational experience.



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