WHITE OAK MIDDLE SCHOOL

Course Bulletin 2023-2024

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The White Oak Middle School community is a comprehensive school with a wide variety of programs and rigorous opportunities for the adolescent learner. Within our choices, we consider the social emotional needs of our students as well as the need to challenge them with rigorous work and high standards.

As we continue to grow our program by adding Spanish Language Immersion, we continue to thrive and benefit from our partnerships with Project Lead the Way (PLTW) and Restorative Practices. In addition, our teachers have experienced years of staff development to use Kagan Collaborative Structures; Personalized and Blended Learning; and Universal Design for Learning. As a result, students learn how to work collaboratively while being held individually accountable for learning.

In addition, students have opportunities to develop passion projects through DEAR-Plus, engage in a variety of afterschool programs through our partnership with Rec Extra and enjoy a wide variety of electives.

We are delighted that you have chosen our school and look forward to working together to ensure our students experience a well-rounded education focused on the adolescent learner.
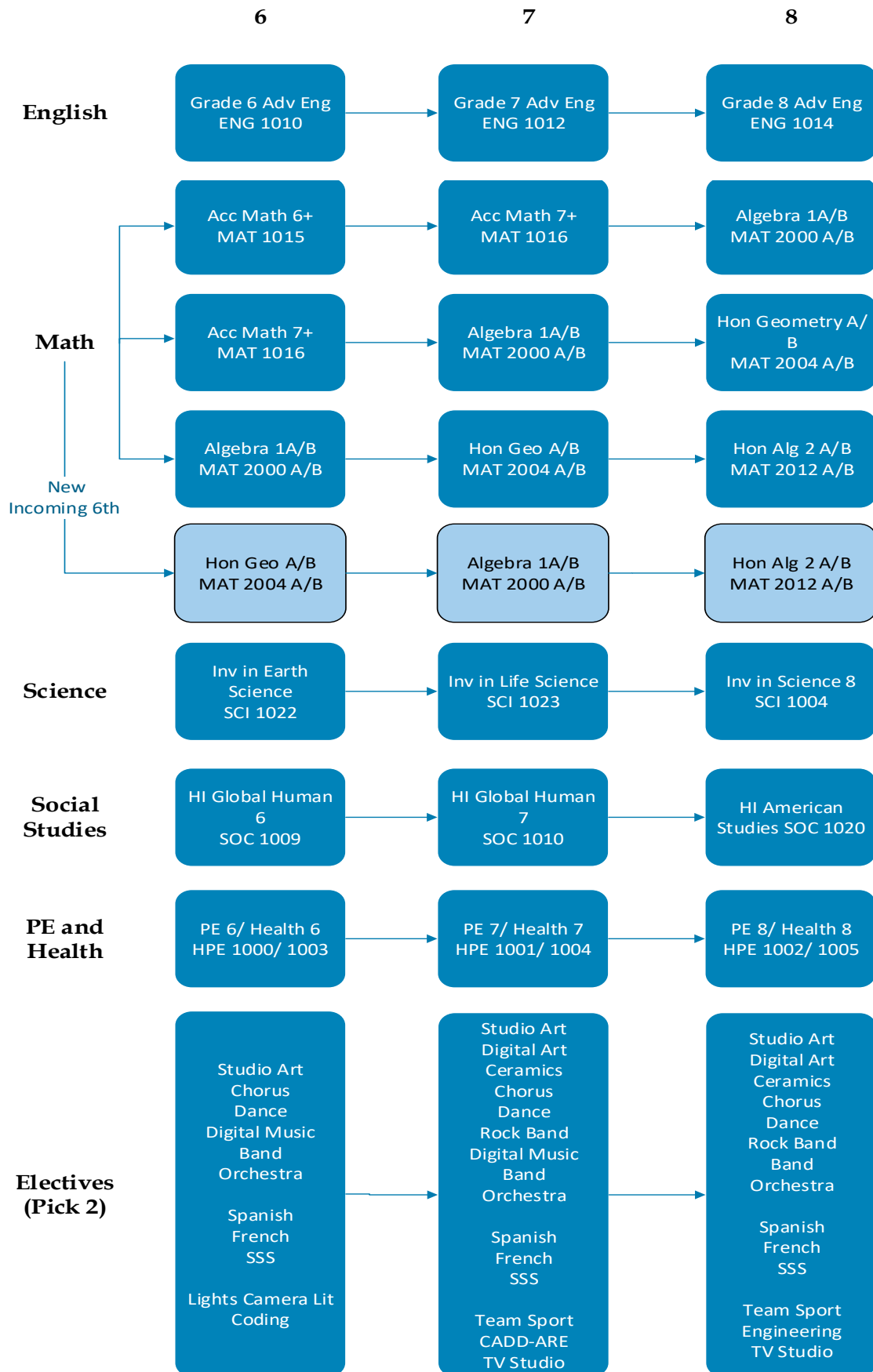
Mission:

White Oak Middle School works to establish meaningful relationships and maximize student learning time in a culturally responsive environment where each student is held to the highest expectations.

Vision Statement:

(The) White Oak Middle School community aspires to grow fierce minds, brave spirits and kind hearts.

5 CORE COURSES + 2 ELECTIVES

	6	7	8
English	Grade 6 Adv Eng ENG 1010 →	Grade 7 Adv Eng ENG 1012 →	Grade 8 Adv Eng ENG 1014
Math	Acc Math 6+ MAT 1015 →	Acc Math 7+ MAT 1016 →	Algebra 1A/B MAT 2000 A/B
	Acc Math 7+ MAT 1016 →	Algebra 1A/B MAT 2000 A/B →	Hon Geometry A/B MAT 2004 A/B
	Algebra 1A/B MAT 2000 A/B →	Hon Geo A/B MAT 2004 A/B →	Hon Alg 2 A/B MAT 2012 A/B
	Hon Geo A/B MAT 2004 A/B →	Algebra 1A/B MAT 2000 A/B →	Hon Alg 2 A/B MAT 2012 A/B
Science	Inv in Earth Science SCI 1022 →	Inv in Life Science SCI 1023 →	Inv in Science 8 SCI 1004
Social Studies	HI Global Human 6 SOC 1009 →	HI Global Human 7 SOC 1010 →	HI American Studies SOC 1020
PE and Health	PE 6/ Health 6 HPE 1000/ 1003 →	PE 7/ Health 7 HPE 1001/ 1004 →	PE 8/ Health 8 HPE 1002/ 1005

New Incoming 6th

Electives (Pick 2)

6	7	8
Studio Art Chorus Dance Digital Music Band Orchestra Spanish French SSS Lights Camera Lit Coding	Studio Art Digital Art Ceramics Chorus Dance Rock Band Digital Music Band Orchestra Spanish French SSS Team Sport CADD-ARE TV Studio	Studio Art Digital Art Ceramics Chorus Dance Rock Band Band Orchestra Spanish French SSS Team Sport Engineering TV Studio

English

Grade 6 Adv Eng (ENG 1010), Grade 7 Adv Eng (ENG 1012), Grade 8 Adv Eng (ENG 1014)

The goal of the Secondary English Language Arts program is to create literate, thoughtful communicators, capable of controlling language effectively as they negotiate an increasingly complex and information-rich world. As students prepare for high school, they encounter new academic expectations such as analyzing varied and complex texts, developing arguments, synthesizing information from multiple sources, examining different perspectives, and engaging in self-reflection.

Math

Accelerated Math 6 Plus (MAT 2015), Accelerated Math 7 Plus (MAT 2016)

The goal of the Montgomery County Public Schools Pre K-12 mathematics program is for all students to achieve mathematical proficiency through mastery of mathematical skills, concepts, and processes. The end result is the ability for all students to think and reason mathematically and use mathematics to solve problems in an authentic context.

Algebra 1 A/B (MAT 2000 A/B)

Algebra 1 introduces students to variables, algebraic expressions, equations, inequalities, functions, and all their multiple representations. In this class, students will develop the ability to explore and solve real-world application problems, demonstrate the appropriate use of graphing calculators, and clearly communicate mathematical ideas. This course lays the foundation for mathematical literacy that will help students be successful in every subsequent course in mathematics.

Hon Geometry 1 A/B (MAT 2004 A/B)

The primary purpose of the geometry curriculum is to develop geometric skills, concepts, the ability to construct formal logical arguments, and proofs in a geometric setting. Geometry is a comprehensive course featuring coverage of geometric terms and processes, logic, and problem-solving following the rigorous state standards.

Hon Algebra 2 1 A/B (MAT 2012 A/B)

Algebra II emphasizes linear and quadratic expressions, equations, and functions. This course also introduces students to polynomial, rational, and exponential functions. Students explore the structures of and interpret functions and other mathematical models. Students build upon previous knowledge of equations and inequalities to reason, solve, and represent equations and inequalities numerically and graphically.

Science

Investigation into Earth Science (SCI 1022), Investigation into Life Science (SCI 1023), Investigation into Science 8 (SCI 1004)

The middle school science program engages students in the exploration of content through the concepts and practices of science and engineering through a blend of the three dimensions of the Next Generation Science Standards. At each grade level, students will engage in learning within one of the three domains of science (Earth, Life, and Physical Science) with integration of all three domains embedded throughout to show students the relationships that exist between the sciences and the natural world. Phenomenon-based learning through inquiry and laboratory investigations are an integral part of the program. Problem solving and online investigations are used continually to allow students to investigate authentic problems and reinforce science concepts.

Social Studies

Historical Inquiries in Global Humanities 6 (SOC 1009), HI in Global Humanities 7 (SOC 1010), HI in American Studies (SOC 1020)
In Social Studies courses, students will be engaged in rigorous, relevant, and inclusive inquiry to develop their capacities to think critically, read closely, communicate clearly, and take action to improve their communities, country, and world. The social studies program in middle school builds chronological and thematic understanding of world and United States history, while developing the social studies strands of geography, economics, political systems, and culture.

Physical Education and Health

PE 6 (HPE 1003)/ Health 6 (HPE 1000), PE 7 (HPE 1004)/ Health 7 (HPE 1001), PE 8 (HPE 1005)/ Health 8 (HPE 1002)
The middle school physical education program focuses on health-related fitness, movement skills and concepts, and personal and social responsibility. Each physical education unit challenges students to better understand the benefits of physical activity toward fitness, fundamentals of efficient movement in physical activity and sport, and the essentials of responsibility in a movement setting. Comprehensive Health Education promotes positive health-related attitudes and behaviors that support self-reliance and self-regulation, while developing health-literacy skills and lifelong wellness. The Family Life and Human Sexuality unit will include age-appropriate instruction.

COHORTED ELECTIVES/ PROGRAMS

Project Success 6th Grade

MS Digital Literacy 1 ENG 1030	Grade 6 Adv Eng ENG 1010	Inv in Earth Science SCI 1022	HI Global Human 6 SOC 1009

Project Success is a program that studies how classroom structure affects student happiness, efficacy, and progress. The success is based on positive relationships within the classroom, and a connection to the major subject areas. Students were selected randomly based on standards to be a part of this program. As such, students will take Digital Literacy, work with the other Project Success classes, attend field trips and enjoy other incentives. We have a sixth grade Project Success Team that consists of four teachers. We teach four different subjects to our same group of students. We all plan together using the same curriculum provided by the county for each content. Our class sizes are smaller. Which allows us to build a strong classroom community and build meaningful, healthy class relationships.

Spanish Language Immersion

HI Global Human 6 SOC 1009	Span Lang Imm WLG2147 A/B
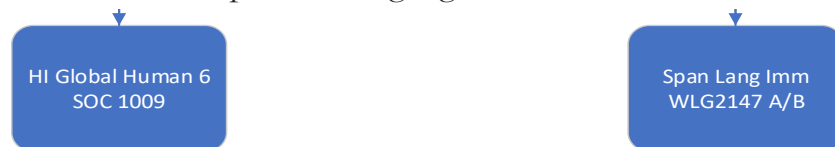
Students who have completed an MCPS elementary school immersion program are encouraged to continue at the middle school level. Students who did not participate in the elementary program may test into immersion program if space is available.

A two-period program of instruction enables students in Grades 6 to enhance their language development through one period of language class and one period of the MCPS social studies curriculum in Spanish.

Project Lead the Way

Coding Game Dvlp 6 ITC 2069	→	CADD Architec Apps ENR 1006	→	Intro EngDesign A/B TEC 2017 A/B

PLTW Mission: Empower students to thrive in an evolving world

White Oak Middle School partners with Project Lead the Way, the nation's leading provider of science, technology, engineering, and math (STEM) programs. Through world-class K-12 curriculum, high-quality teacher professional development, and outstanding partnerships, PLTW helps students develop the skills needed to succeed in the global economy.
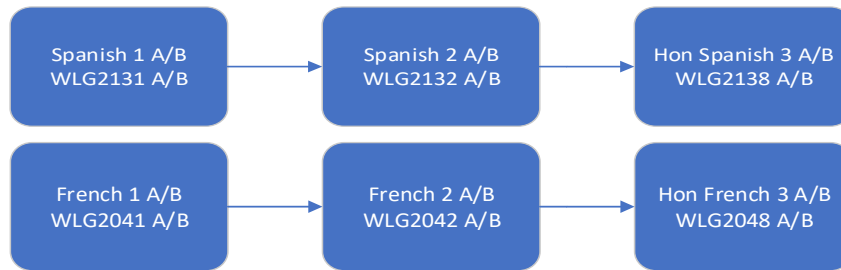
PLTW focuses on reaching the following objectives:
- Apply engineering, science, math, and technology to solve complex, open ended problems in a real-world context.
- Apply STEM knowledge, skills, and habits of mind to make the world a better place.
- Continue the Program at feeder high schools like Springbrook and Paint Branch High School.

Through PLTW, we create an engaging classroom environment unlike any other. PLTW empowers students to develop and apply in-demand, transportable skills by exploring real-world challenges. Through our pathways in computer science and engineering, students not only learn technical skills, but also learn to solve problems, think critically and creatively, communicate, and collaborate. PLTW also provides teachers with the training, resources, and support they need to engage students in real-world learning.

WORLD LANGUAGES

Spanish/ French

| Spanish 1 A/B WLG2131 A/B	→	Spanish 2 A/B WLG2132 A/B	→	Hon Spanish 3 A/B WLG2138 A/B
French 1 A/B WLG2041 A/B	→	French 2 A/B WLG2042 A/B	→	Hon French 3 A/B WLG2048 A/B

Level 1A/1B HS credit

Students begin to learn to communicate orally and in writing in a culturally appropriate manner about topics related to daily life. They interpret basic information when listening and reading. Vocabulary and basic grammatical structures are taught within the context of these familiar topics. Culture is embedded throughout the course.

Level 2A/2B HS credit

Students expand their ability to communicate orally and in writing in a culturally appropriate manner about topics related to daily life. They interpret information when listening and reading. Vocabulary and grammatical structures are taught within the context of these topics. Culture is embedded throughout the course.

Level 3A/B HS credit

Students continue to expand their ability to communicate orally and in writing in a culturally appropriate manner about a variety of familiar topics. They interpret detailed information when listening and reading. Vocabulary and more complex grammatical structures are taught within the context of these topics. Culture is embedded throughout the course.

Spanish for Spanish Speakers

Span of Span 1 WLG2141 A/B	→	Span of Span 2 WLG2142 A/B
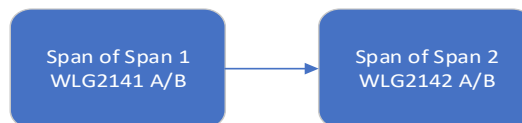
This course integrates authentic texts with opportunities to listen, speak, read, and write in Spanish. This class is generally for Native Spanish Speakers or those seeking a more immersive and analytical experience toward the parts of language in Spanish. Each unit of study will focus on Histórica y Cultura, Conocimientos para superar, Gramática y Ortografía, Literatura, and Composición.

Band
Band 1 (ART 1033), Band 2 (ART 1034)

Band 1 - This class is for students interested in playing wind and percussion instruments only or who have some experience playing in elementary school. Instruments include flute, clarinet, saxophone, trumpet, and trombone.

Band 2 - This class is for students who have completed Band 1 or have a year or more experience playing a wind or percussion instrument and can read beginner level grade 1 music. Instruments include flute, clarinet, bass clarinet, alto, tenor & baritone saxophone, trumpet, trombone, euphonium, and tuba.

Ceramics
MS Ceramics / Sculptures 3 (ART 1039)

Students will explore a variety of three-dimensional artmaking processes and techniques. In addition to ceramics, students will have the opportunity to create works of art using conventional and contemporary sculpture media.

Chorus
Chorus MS 1 (ART 1040), Chorus MS 2 (ART 1041), Chorus MS 3 (ART 1042)

This is open to all students who enjoy singing regardless of music background or experience. Students will sing create, perform, and critique music in a variety of styles and genres and participate in at least two performances per year.

Computer Aided Drafting/Design (CADD) and Robotics Technology
CADD Architec Apps (ENR1006)

Students will develop a fundamental understanding of Engineering Design through the application of Computer Aided Drafting/Design (CADD) and Robotics Technology. Included is a practical study of the cultural, social, economic, environmental, and political effects of technology; the role of society in the development and use of technology; and the influence of technology on history. Students will engineer, design, and strengthen their ability to troubleshoot systems. They will also research, develop, invent, innovate, and experiment using models to problem solve while learning to use and maintain technological system. Students will also be taught the importance of safety in the lab, as well as safe usage of the finished product.

Digital Art and Photography
MS Digital Art & Photo (ART 1018)

Students use computers as a tool to create rastor and vector-based artworks. Students discuss ethical and safety issues in the use of digital media as a tool for visual communication. In addition, students will utilize raster-based digital media and/or digital photography to create artworks.

Introduction to Engineering Design
Introduction to Engineering Design A/B (TEC2017 A/B)

This is a broad-based survey course to help students understand engineering and engineering technology and identify career possibilities. Students develop problem solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students address the emerging social and political consequences of technological change.

Dance
MS Dance 1 (ART 1064), MS Dance 2 (ART 1065), MS Dance 3 (ART 1066)

Students will develop techniques in a variety of dance styles and skilled application of dance elements. This course may be taken for more than one year.

Digital Music
General Music (ART 1030)

Students will create music by utilizing virtual instruments using a MIDI keyboard, audio loops, and imported sound samples. Students will learn music theory, notation, composition, and piano to assist their music production.

Lights Camera Literacy/ Coding Game Development
Lights Camera Lit 1 (ENG 1024), Coding Game Development 6 (ITC 2069)
Lights Camera Lit - This course covers all three stages of movie making: pre-production, production, and post-production. Students think critically and creatively as they plan, script, produce, and edit a movie of their own.
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Coding - Students will learn the elements of good game design and the different game genres as well as basic video game coding concepts including racing, platform, launching, and more. Students will apply computational thinking to their game designs. Students will be introduced to various programming languages.

Orchestra
Orchestra 1 (ART 1045), Orchestra 2 (ART 1046)
Orchestra 1: Open to all sixth graders who have participated in Orchestra during Elementary school. This is a performing ensemble that rehearses daily for multiple concerts per year, as well as a judged competition every spring at Einstein High School. Students learn leadership, independence, and discipline, as well as new skills on their instrument, including scales, bowing techniques, and string crossings.

Orchestra 2: Open to all seventh-eigth graders who have taken Orchestra 1, and/or took Orchestra during Elementary School. This is a performing ensemble that rehearses daily for multiple concerts per year, as well as a judged competition every spring at Einstein High School. Students learn leadership, independence, and discipline, as well as new skills on their instrument, including all scales preparing them for high school, bowing techniques, an introduction to vibrato, and musical expression.

Rock Band
Band 1 (ART 1033-10)
Open to all grades who have not taken multiple years of Orchestra or Band. Students learn the basics of electric and acoustic guitar, piano, electric bass, and drumset. This is a performing ensemble with multiple concerts per year, as well as many school assemblies. Individuality and leadership is encouraged, and students usually select all music, make team decisions, and run their own performances.

Studio Art
MS Studio Art 1 (ART 1024), MS Studio Art 2 (ART 1025)
Students will explore a variety of traditional art media and techniques, including drawing, painting, printmaking, sculpture, ceramics, and functional craft to create artworks.

Team Sport/ Box Score
Related Activity (NAC 2013)
The emphasis of this course is on traditional team sports. Focus will be on physical movement and student engagement. This course will explore the historical and mathematical origin of a variety of sports statistics and analyze what is being measured.

TV Studio
TV Studio (AMC 1004)
Students learn how to operate TV switchers, TV cameras, sound, and graphic equipment. The course covers the fundamentals of producing, scripting, directing, and editing for television.

ENGLISH LEARNER (ELD)

ESOL Level 1 & 2
English 6, 7, 8 for English Learners I DP (ESL 1015), (ESL1016), English 6, 7, 8 for English Learner II DP (ESL 1018), (ESL 1019)

These courses are for students who have been identified by the International Admissions Office as students who are Emergent Multilingual Learners. These students scored an English Language proficiency of 1 or 2 on the screener assessment. These students will be given support in accessing grade level curriculum, particularly the English Language Arts Study Sync curriculum. These students will have scaffolded work that will bridge their understanding of key major texts that they will see in the general ELA Courses. These students will also practice fundamental academic vocabulary key to their ELA Units, as well as strengthen fundamental English skills, such as grammar and parts of speech.

ESOL Level 3
ESL Level 3

This course is a combined section that will have students who score a 3-3.9 on the WIDA ACCESS Assessment. Students who score a 4.5 on the WIDA ACCESS will be able to exit the English Language Development Program at WOMS and from this support course. Students who are receiving English Language Development services will be supported in accessing grade level materials in the English Language Study Sync curriculum through different strategies.

METS (Developmental Reading)
MS Developmental Reading 1 (ENG 1048), MS Developmental Reading 2 (ENG1049)

This is a special program for students with interrupted schooling to master the fundamentals of English language: grammar, syntax, usage, vocabulary, reading comprehension, and sight words. We have frequent assessments to identify student needs and use multiple online programs to support the work in class.

ACADEMIC INTERVENTION

Academic Literacy
MS Academic Literacy (ENG 1029)

Research-based reading intervention addresses comprehension for students who are 3-4 levels below grade level.

Read 180
MS Read 180 (ENG 1017)

Research-based reading intervention addresses comprehension needs for students who are 1-2 levels below grade level.

Math 180
Math 180 (MAT 1010)
Addresses students who need to develop basic mathematics skills to prepare for Algebra 1.