



Cabarrus County middle school students have the opportunity to challenge themselves with several advanced class options. Advanced language arts and accelerated mathematics courses are available in grades 6-8. In 8th grade, students may have the opportunity to enroll in a variety of high school level courses: Math 1, Earth and Environmental Science, and World Language 1.

Advanced courses are designed to meet the needs of highly motivated students who are functioning at an abstract level, have a very high ability in one or more of these subjects, and have the work habits necessary to be successful. The curriculum provides more rigor, complexity, and challenge than the general curriculum. There is not a focus on an increase in the quantity of work, but in the quality of work required.

Students will be recommended by their schools for these advanced programs, based on available assessment data, teacher feedback, and student interest, motivation, and performance. When opting for advanced courses in middle school, parents should consider that many colleges and universities expect students to take a math and an English course during each of their high school years. The included course progressions may be helpful in making these long terms plans.



Accelerated Math Placement Services (AMPS)

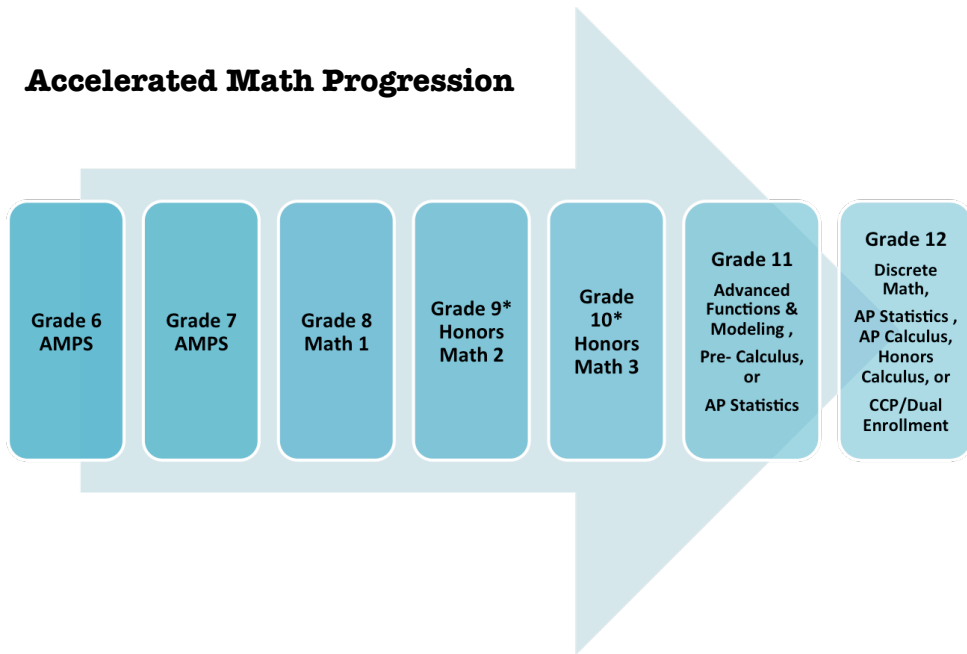
➤ 6th and 7th Grade AMPS

The AMPs courses include the curriculum strands of ratios and proportional relationships, the number system, expressions and equations, geometry, and statistics and probability. During this 2 year course sequence, student instruction will focus on multiple grade level standards in preparation for Math 1. Currently, students in 6th grade AMPS take the 6th grade Math EOG, and 7th grade students take the 7th grade Math EOG.

➤ Math I (Grade 8)

Math I provides students the opportunity to study concepts of algebra, geometry, functions, number and operations, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data. This course will incorporate 8th Grade Math standards that correlate with the Math 1 course standards. Currently students in this course will take the 8th Grade Math EOG and the Math 1 EOC.

Accelerated Math Progression



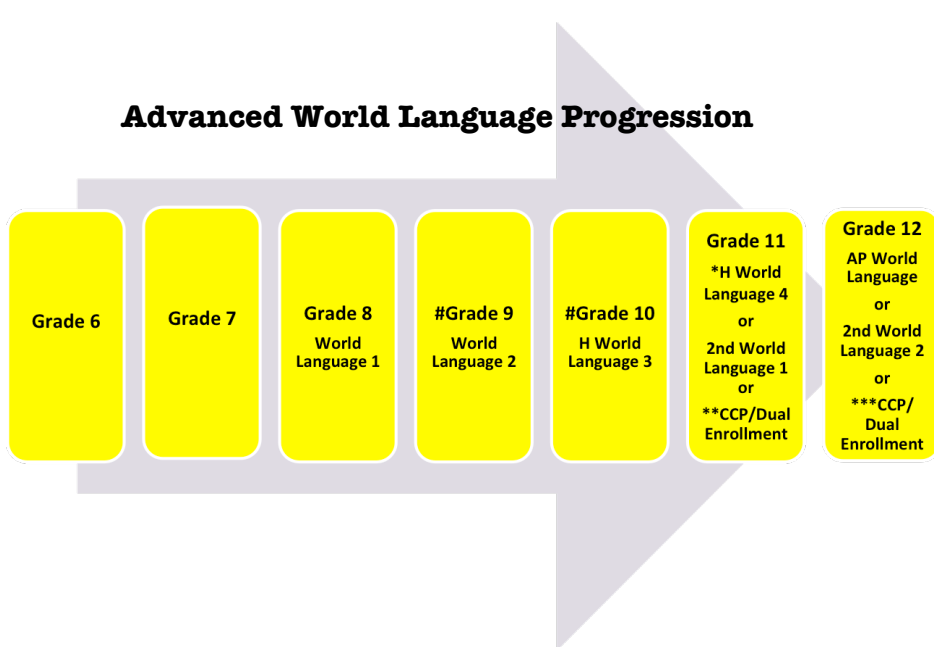
Advanced English/Language Arts Services (ALPS) Grades 6-8

ALPS is an opportunity for students to develop flexible and strategic ways to read and write about a wide variety of texts in a fast paced and fluid environment. Emphasis is on moving from merely comprehending text to rhetorical analysis and writing to develop students' clarity, complexity, and effectiveness. Students will apply their knowledge in a variety of ways and will work more independently, often at a faster pace than in regular Language Arts. The curriculum is intended to strengthen students' skills in critical inquiry, deliberation, rhetorical analysis, argument, and synthesis.

World Language I (8th Grade)

Students in Level 1 World Language classes will be expected to use the language to engage in interpersonal communication, understand words and concepts presented in the language, use the language to present information to an audience, and compare the students' cultures and the target culture. The language(s) offered will vary by school site.

Advanced World Language Progression



Earth and Environmental Science (8th Grade)

Earth and Environmental Science for 8th Grade is a rigorous yearlong science class which combines the 8th grade science curriculum with the high school Earth and Environmental Science course. In addition to the 8th grade science content students will study the Earth's Atmosphere and Planetary Structure, as well as Human Impact on the Environment and Sustainability. This class will provide students the foundational knowledge in order to progress to advanced science coursework in high school. Students successfully completing the course will receive 1 high school science credit.

Advanced Sciences Progression

