

COURSE OVERVIEW

Accelerated 6th grade math compacts all of the 6th grade Maryland College and Career Readiness Standards and half of the 7th grade Maryland College and Career Readiness Standards into a one-year course. Students who successfully complete Accelerated 6 will take Accelerated 7 in the seventh grade, and Algebra 1 in the eighth grade.

The sixth grade mathematics standards are about (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.

The seventh grade mathematics standards are about (1) developing understanding of and applying proportional relationships; and (2) developing understanding of operations with rational numbers and working with expressions and linear equations.

Standards for Mathematical Practice (SMP)

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

EXPECTED OUTCOMES

Students are expected to perform at a proficient level on a variety of tasks and assessments addressing the Standards for Mathematical Practice and the Maryland College and Career Readiness Standards addressed in Accelerated 6.

RECOMMENDED GRADING ELEMENTS

Grading Element	Classroom Grading Policies
Product	Graded work assessing a student's mastery of mathematics such as: Tests, quizzes, project work that assesses a student's understanding
Process	Graded work that provides for practice and allows teachers to elicit evidence of student thinking: In class assignments, notes, warm-ups, participation, homework