

CENTRAL BUCKS SCHOOL DISTRICT
Course of Study
Recommendation for Adoption

Course: Math Intervention 8

Date: August 6, 2026

Student Level: Middle School

Grade Level: 8

Characterization of Course of Study:

This course is designed to support eighth grade students who would benefit from additional mathematics instruction. It provides targeted, standards-aligned support focused on strengthening foundational skills while helping students access grade-level content. Instruction emphasizes conceptual understanding, procedural fluency, problem solving, mathematical reasoning, and confidence with core Grade 8 topics such as transformations and similarity, linear equations, proportional and linear relationships, functions, systems of equations, bivariate data, rational and irrational numbers, the Pythagorean Theorem, integer exponents, scientific notation, and volume.

Reasons for Proposed Adoption:

This course is intended for students who would benefit from additional support in meeting grade-level mathematics standards. It focuses on reinforcing foundational skills and addressing learning gaps in order to build student confidence and strengthen competence with core mathematical concepts.

The course provides a consistent structure for mathematics intervention across middle schools while allowing instruction to remain responsive to individual student needs. By offering targeted support during the school day, students receive additional practice with prerequisite and grade-level skills while remaining in the core mathematics sequence.

Principal Approval Date: _____

Curriculum Committee Approval Date: _____

School Board Approval Date: _____