

The Mathematics Program at Saint Rose School features curriculum products, hands-on manipulative materials, and technology (computers, iPads, and calculators) that support the teaching and learning of the Toledo Diocesan standards, as well as the State of Ohio standards. Features of the program include the following:

Primary Grades (K-3)	Intermediate Grades (4-5)	Middle Grades (6-8)
Students explore shapes by constructing 3D buildings and placing them on a map. They work with clocks and rulers to learn about measurement. They write multiplication and division stories, using the app Explain Everything to record their voices and show how to solve a problem. Projects involve creating a Valentine Box to practice area and perimeter, buying canned goods for the PCU food pantry to practice money skills, and using fractions to make "pretend" pizza in a classroom pizza restaurant.	Students create artwork using the coordinate system and design a "dream room" using geometric figures and terms. Students are taught to make reasonable estimates for answers to real-world problems involving addition, subtraction, multiplication and division. They practice fractions by creating fraction strips, playing fraction games and naming the fraction of the day. Problems involving decimals and percents follow extensive fraction study.	Students make use of one-to-one iPad technology. Typical projects include: creating a budget for a Washington DC class trip, the mathematics of a Super Bowl party, and conducting surveys to produce graphs based on the data, as well as volume and surface area problems. In grades 7-8, students have the opportunity to take Honors Math courses that allow them to begin high school math at the sophomore or junior levels.

Three times annually, Saint Rose School administers the Measure of Academic Performance (MAP) standardized assessment to track academic progress, both individually and as grade levels.

**Mean Math RIT Score
Fall 2022**

