Language Arts

The purpose of the Language Arts Summer School Program is to provide remedial support and prepare students for demonstrating grade level skills that are aligned with the Common Core State Standards (CCSS).

Within this small learning environment, students will improve their reading and writing skills necessary to be successful at the next grade level. In an effort to track student progress, students will intentionally develop a growth plan while working in targeted areas for improvement.

Skill instruction will include:

- Produce clear and coherent writing
- Understand and apply the steps of the writing process including prewriting, drafting, revising editing, and publishing
- Read and comprehend complex literary and informational texts
- Engage in a variety of skill-based lessons
- Focus on comprehension strategies
- Build vocabulary
- Begin literary analysis using the “Structured Writing” approach

Mathematics

The purpose of the Math Summer School Program (grades K-8) is to provide remedial support and prepare students for demonstrating grade level skills that are aligned with the Common Core State Standards (CCSS).

Students who have finished their grade level math course will receive additional common core instruction and practice to further develop their math skills. Instruction will include review of topics covered in their grade level as well as background and enrichment materials. Technology will be used to supplement and individualize each child’s instruction and assist in tracking their progress. There will be an intentional focus on using the Mathematical Practices.

Grade 6

Common Core 6 curriculum focuses on basic number sense concepts and doing operations with fractions. The study of ratio concepts and proportional relationships is a major focus. Students are to find common factors and multiples. They are to understand expressions and write and solve one-variable equations and inequalities. In Geometry, students will study area, surface area, and volume. Probability and statistics topics are developed. The summer school course outcome is to better prepare students for Common Core 7. There will be a heavy focus on understanding operations with rational numbers and using math properties.
Mathematics continued

Grade 7
Common Core 7 curriculum solidifies the student’s ability to analyze proportional relationships and use them to represent real-world applications and numerical and algebraic expressions and equation. Students will draw, construct and describe geometrical figures and describe relationships between them. Geometrical tasks include identifying angle measure, area, surface area, and volume. Probability and statistics topics are developed. The summer school course outcome is to better prepare students for Common Core 8. There will be a heavy focus on understanding operations with rational numbers and integers and using math properties.

Grade 8
The focus of the Common Core 8 curriculum is working with expressions, equations, and functions. Additionally, students study congruence and similarity as it relates to Geometry and solve real-world problems involving volume of cylinders, cones, and spheres. Students learn to apply the Pythagorean Theorem and explore the idea of using numbers that are not rational and how they can be approximated by rational numbers. Probability and statistics topics are developed. The summer school course is designed to better prepare students for Algebra in the ninth grade. There will be a heavy focus on operations with rational numbers, integers, and using math properties. Additionally, there will be great emphasis on understanding linear algebra.