



3 – 12 Math Courses Description Guide

3 – 6 th Grade General Math	90 minutes daily of math instruction <ul style="list-style-type: none">• enVision Math• Fluency <p>Students explore mathematical concepts through the use of manipulatives and word problems. Students learn grade-level content, as defined by the CCSS, by engaging with a challenging problem to explore a mathematical concept. Students attempt to solve a problem and then learn from their peers' thinking through a facilitated discussion. Students solidify their learning through extended application of the concept. Students share their thinking about how to solve problems and learn from other students in the process. Fluency is part of the overall math program that bridges the gap between conceptual and procedural fluency with foundational mathematical concepts.</p>
7 – 8 th Grade General Math	55 minutes of daily math instruction with an additional 55 minute math lab two times a week <ul style="list-style-type: none">• enVision Math <p>Students learn grade-level content, as defined by the CCSS, by engaging with a challenging problem to explore a mathematical concept. Students attempt to solve a problem and then learn from their peers' thinking through a facilitated discussion. Students solidify their learning through extended application of the concept.</p>
Pre-Algebra	55 minutes of daily math instruction with an additional 55 minute math lab two times a week <ul style="list-style-type: none">• Eureka Math <p>Students engage in challenging tasks that builds students' knowledge logically and thoroughly to help them achieve a deep understanding of fundamental concepts that will make them successful in Algebra 1. Eureka Math is the CCSS aligned curriculum used which allows students to make connections in math to the real world and that takes the fear out of math and builds students' confidence.</p>
Algebra 1 Geometry Algebra 2 Pre-Calculus	55 minutes of daily math instruction
	Students engage with Common Core-aligned content through College Preparatory Mathematics, a research-based curriculum. Students work collaboratively to investigate and make sense of a new math concept or deepen understanding of a revisited concept, including applications. The teacher serves as a facilitator who solidifies learning through questioning and whole class discussion.