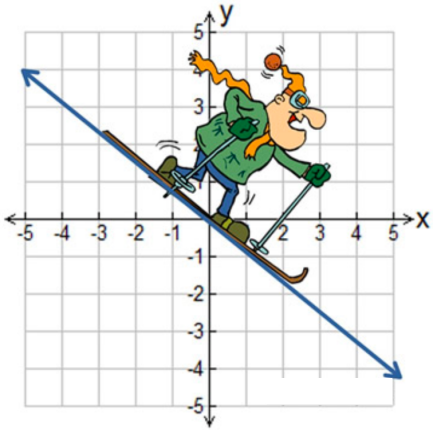
Math 7 and Math 8:

Students will practice and improve their number sense, measure sense, and estimation skills. Successful completion of Math 7 and Math 8 will prepare a student to take Algebra 1 in 9th Grade.

Ready Classroom Mathematics is a discourse-driven blended mathematics curriculum that enables all students to become independent mathematical thinkers and reasoners. Ready Classroom Mathematics provides instruction and activities that focus on academic language to help English Learners and all students develop content knowledge.
(To be adopted for Fall of 2021)

Graduation Requirements

High School requires 3 credits (6 semesters) of Mathematics. Every High School offers a variety of Math course offerings to meet the needs of all students from Math Support to AP Calculus.



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Hanshew Middle School Math Department Chair

Hanshew Middle School

Math Program

Math 7 and Math 8 Intensified

TIER II - Ready Math with iReady

Classes use the Ready Math program and incorporate the use of the iReady diagnostic and computer learning program to identify specific needs for each student to close gaps and ensure success.

TIER III - TransMath

This is a comprehensive math intervention curriculum that targets middle and high school students who lack the foundational skills necessary for entry into Algebra and are two or more years below grade level in math. TransMath emphasizes fewer topics in greater depth while accelerating students to more advanced math, from number sense to rational numbers to understanding algebra.

Tier I Advanced

Students who consistently perform above grade level and score high on MAP and PEAKS assessments can take some advanced courses in 7thh and 8th grade.

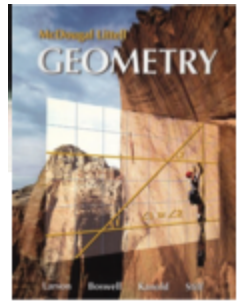
Pre-Algebra

*Can be taken in 7th or 8th Grade

This course is designed to prepare students for success in Algebra 1. The emphasis on continued development of pattern recognition, computational skills, elementary algebra topics, and the use of technology. Students will extend their knowledge of problem solving, probability and statistics, and analyze data to make decisions and defend conclusions.

Algebra 1

Students will review and extend their knowledge of problem solving, data analysis, and the use of fundamental operations with real numbers in equations and inequalities. They will also use rational expressions with equations, graph in the coordinate plane, perform operations with polynomials, irrational numbers, and solve quadratic equations.



Geometry

This course covers the study of plane and three-dimensional geometry. There is an emphasis on clarity and precision of language and the logical development of geometric principles in deductive reasoning and proof. This will include work with points, lines, planes, angles, congruent triangles, circles, polygons and transformations.

*To receive high school credit for Alg1/Geo taken in middle school, the student must earn a C or better.