

Qualifying criteria for 6th Grade Math Placement

To qualify for Course 1

Course 1 Final score less than 55%

OR

Course 1 Final score 50-55% and teacher input

To qualify for Course 2A

Course 1 Final score 50-55% and teacher input

OR

Course 1 Final score 56-79%

OR

Compacted student scoring 40-59% on Course 2 Final

To qualify for Course 3A

Course 1 Final score 80% or higher

AND

Course 2 Final score 60-84%

To qualify for Course 3AB

Course 2 Final score 85% or higher

Algebra

Course 3 Final score 85 or higher

Iowa Algebra score 50 or higher

Course Descriptions

Course 1: Course 1 builds a strong foundation for the higher math curriculum. Instruction is designed to develop learning from the student's frame of reference and connecting math to the real world.

Course 2A: Course 2A concentrates on applying the foundation concepts of higher math to real world situations to gain a deeper understanding of the underlying mathematical concepts. Because this course is more abstract in nature, it is divided over a two-year period.

Course 3A: This course is for students who have demonstrated a solid grasp of the foundation concepts necessary for the higher math but are

still developing the ability to handle abstract thinking. This introduction to pre-algebra/pre-geometry course is designed so that students explore abstract, complex application of the foundation concepts. Because of the complexity of the material, this course is taught over a two-year period allowing necessary time to develop deeper understanding. Course 3A is taught in 6th grade and Course 3B in 7th grade.

Course 3AB: This course is for students who have demonstrated a higher order of mathematical thinking and understanding of the foundation concepts necessary for a higher math curriculum. This course completes the pre-algebra/pre-geometry course in one year and also delves deeper into both the abstract and complex application of concepts. In order to complete the curriculum in one-year, the design and pace of the instruction is rigorous.

Algebra: An introductory high school level course in the field of higher mathematics. Topics include number systems, algebraic expressions, equations, polynomials, rational expression, factoring and quadratics. This course moves at a rapid pace. A preparation packet for students entering this course is available on the school website.