



Math Placement Recommendation Form Jefferson Academy Junior High

Student Name _____ Current Grade Level _____ Current School _____

Math Teacher Name _____ Math Teacher Signature _____

Name of Current Math Class _____ Final Letter Grade Earned _____

Description of Current Math Class _____

Please place an X next to the math class you recommend this student be placed in for the next school year. Below are the current math course descriptions at Jefferson Academy. We do not offer remedial math classes. On the other hand, students who receive a C or above in (high school level) Algebra I or Geometry are able to take higher level HS math classes. Your recommendation will be kept confidential.

7th Grade Options:

☐ MATH 7 (Grade level math)

This full year course meets the 7th grade Colorado Standards. Students will focus on mathematical reasoning, modeling, problem solving and communication. Units will cover Reasoning with Rational Number Operations; Modeling with Expressions, Equations, and Inequalities; Modeling Proportional Relationships; Percents; Probability and Statistics; 2D/3D Geometry; Math Practices; Problem Solving.

Textbook: Big Ideas Math: Modeling Real Life 2022 Common Core Grade 7 (Accelerated)

☐ MATH 7/8, PREALGEBRA (Advanced 7th grade class)

Prerequisites: Math 7 or Course Equivalent

Math 7/8 is a full year advanced 7th grade math course for students that have proven both advanced in math understanding and have shown a strong work ethic and responsibility in their prior classes. It includes both 7th and 8th grade Colorado State Standards. The aim of the course is to prepare students for the rigors of Algebra I. It includes the core knowledge and foundational material of Math 7 (see course description). In addition to the Math 7 curriculum this course will cover Transformations; Angles and Triangles; Graphing and Writing Linear Equations; Exponents and Scientific Notation; Pythagorean Theorem, Volume of Similar Solids.

Textbook: Big Ideas Math: Modeling Real Life 2022 Common Core Grade 7 (Accelerated)

8th Grade Options:

☐ MATH 8, PREALGEBRA (Grade level math)

This course covers the fundamentals of algebra, statistics, and geometry. The algebraic portion first semester emphasizes the development of a strong number sense, graphing ability, and the utilization of algebraic manipulation. Students will explore linear equations and systems of linear equations as well as and other functions including exponentials, and inverses. Emphasis will be given to the development of mathematical descriptions to everyday problems. During the second semester, practical applications of data collection and statistical analysis are thoroughly investigated. In addition, the geometric relationships of length, area, and volume among two and three dimensional shapes are examined extensively. Textbook: Big Ideas: Modeling Real Life. This course does not satisfy high school graduation requirements for mathematics.

☐ ALGEBRA (Advanced 8th grade class)

Prerequisites: Pre-Algebra Course

This course meets 9th grade Colorado standards and requires a C or better to pass. Students will learn to demonstrate proficiency in the four basic math operations (addition, subtraction, multiplication, and division) with rational numbers and algebraic expressions. Students will manipulate, solve, and evaluate linear and quadratic equations with one variable. They will also learn to correctly graph ordered pairs on a coordinate system, interpret

graphs of linear functions, write, and manipulate linear, quadratic and exponential functions, and manipulate linear equations in two variables. Students will extend and connect their understanding of two variable concepts by solving systems of equations and inequalities. The course will also include factoring equations with an emphasis on quadratic functions. The course will culminate with quadratic equation factoring. Textbook: Algebra I, Common Core 2015, Pearson.

☐ GEOMETRY (Prerequisites: C or better in Algebra I)

☐ ALGEBRA II (Prerequisites: C or better in Geometry)

Is this student on grade level for math? ☐ Yes ☐ No If no, what grade level is s/he on? _____

Does this student receive accommodations for math? ☐ Yes ☐ No If yes, please describe _____

Please let us know areas of strength that this student has displayed (e.g. turning in homework, learning new concepts, time management).

Please let us know areas of weakness for this student (e.g. turning in homework, basic math skills, test-taking).

Please let us know any other observations about this student that will help us place him/her in the correct math class at Jefferson Academy.

Thank you for taking the time to fill out this recommendation.

Please email, fax or mail to Jefferson Academy Secondary School:

**Attention: Kyrie Adams
kadams@jajags.com
Fax: 720-887-2435
11251 Reed Way
Broomfield, CO 80020**