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 _____

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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.

7<u>th</u> Grade Options:

☐ <u>MATH 7 (Grade level math)</u>
This full-year course meets the 7th grade Colorado Standards. Students will build on their previous knowledge of properties of rational numbers, algebraic expressions and equations, probability, statistics and geometry. A particular emphasis will be placed on the overarching concept of rates, ratios and proportionality. The curriculum is supported with a workbook-style textbook that students will be able to write in. There will also be access to online materials via the workbook publisher.
Workbook 7th: enVisionmath 2.0, 7th Grade, Common Core 2017, Pearson.

☐ <u>MATH 7/8, PREALGEBRA (For 7<u>th</u> grade qualified students)</u>
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) along with the rigorous pre-algebra component of Math 8 (see course description), as well as material such as the Pythagorean Theorem, and rotations, reflections, and dilations using Coordinate Geometry. Simplifying exponents and radicals are also covered. The curriculum is supported with a workbook-style textbook and online materials.
Workbook 7th: enVisionmath 2.0, 7th Grade Accelerated, Common Core 2017, Pearson.

8<u>th</u> Grade Options:

☐ <u>MATH 8, PREALGEBRA (Grade level math)</u>
This course does not satisfy high school graduation requirements for mathematics. 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 quadratics, 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: enVisionmath 2.0, 8th Grade, Common Core 2017, Pearson.

☐ ALGEBRA (For 8th grade qualified students)

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).

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

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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.

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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
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Broomfield, CO 80020