Math Placement Recommendation Form
Jefferson Academy 9th Grade

Student Name_____Current Grade_____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. We do not offer remedial math classes. Your recommendation will be kept confidential.

☐ **Algebra 1**

> This course meets 9th grade Colorado standards and counts as one year of graduation requirements in mathematics. A grade C or better is required to pass this course and earn math credit. This course provides a comprehensive teaching of the fundamental aspects of mathematics and problem solving. Students will learn to manipulate and solve linear equations with rational and irrational numbers. Students will interpret, write, solve, and graph linear and nonlinear functions. Other topics include: writing, solving and graphing linear inequalities, exponent rules and functions including rational exponents and growth and decay models, systems of linear equations and linear inequalities, polynomials and factoring, interpreting and solving quadratic functions, and simplifying radical expressions.

☐ **Geometry**

> *Prerequisite: C or better in Algebra 1*
> This course meets 10th grade Colorado standards and counts as one year of graduation requirements in mathematics. A grade of C or better is required to pass this course and earn math credit. The Geometry course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, relationships within triangles, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, circles, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.

☐ **Geometry Honors**

> *Prerequisite: Algebra 1 and Teacher Recommendation*
> This course meets 10th grade Colorado standards and counts as one year of graduation requirements in mathematics. A grade of C or better is required to pass this course and earn math credit. Honors Geometry is an academically rigorous course designed to meet the honors qualifications set forth by Jefferson Academy High School and works in conjunction with the regular Geometry course. Students will complete all aspects of the Geometry coursework. This honors course prepares students for advanced work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessment, and more complex text/materials. Diverse intelligences and learning styles are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

☐ **Algebra II**

Prerequisites: C or better in Algebra 1 and Geometry
This course meets 11th grade Colorado standards and counts as one year of graduation requirements in mathematics. A grade of C or better is required to pass this course and earn math credit. In this course students will continue their pursuit of formal mathematics. Students will explore algebra beyond its elementary aspects. Topics will include: number sets, real and imaginary numbers, equations and inequalities, linear relations and functions, systems of equations, quadratic relations and functions, exponential and logarithmic functions, radical expressions and functions, rational expressions and functions, polynomials and polynomial functions.

☐ **Algebra II Honors**

Prerequisites: C or better in Algebra 1 & Geometry and Teacher Recommendation
This course meets 11th grade Colorado standards and counts as one year of graduation requirements in mathematics. A grade of C or better is required to pass this course and earn math credit. Honors Algebra II is an academically rigorous course designed to meet the honors qualifications set forth by Jefferson Academy High School and works in conjunction with the regular Algebra II course. Students will complete all aspects of the Algebra II coursework. This honors course prepares students for advanced work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessment, and more complex text/materials. Diverse intelligences and learning styles are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

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

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_____

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

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▪ Please let us know areas of strengths or areas of weakness that this student has displayed (e.g. turning in homework, learning newconcepts, time management).

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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 JA:

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JA Math Sequence:	Please fax or mail to Jefferson Academy Secondary School:
Algebra	**Attention: Kyrie Adams**
Geometry	**Fax: 720-887-2435**
Algebra II	**11251 Reed Way**
Trig/Pre-Calculus or Algebra 3	**Broomfield, CO 80020**
Calculus	