Feeder School Math Recommendations for Incoming KHSD 9th Graders

By the end of the 8th grade year, I anticipate the student will be ready to take the following class as a 9th grader:

- **Geometry**
  - Because … the student will have mastered both the 8th grade California State Standards as well as the Algebra 1 standards which includes linear, exponential, and quadratic functions.

- **Geometry with Summer School 2nd Semester Algebra**
  - Because … the student will have satisfactorily completed both an 8th grade math course covering the California State Standards as well as the Algebra 1 standards but will need some review and practice of Algebra standards relating to exponential and quadratic functions. With successful completion of this summer school course the student will be enrolled in Geometry.

- **Algebra 1**
  - Because … the student will have satisfactorily completed an 8th grade math course covering the California State Standards and will have demonstrated proficiency with solving, graphing, and modeling linear equations as well as analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence.

- **Algebra 1 with Summer School Foundations – Year 2**
  - Because … the student will have satisfactorily completed an 8th grade math course covering the California State Standards but will need some review and practice of 8th grade California State Standards relating to solving, graphing, and modeling linear equations as well as analyzing two- and three- dimensional space and figures using distance, angle, similarity, and congruence. With successful completion of this summer school course the student will be enrolled in Algebra 1.

- **Foundations – Year 2**
  - Because … the student can perform basic arithmetic operations but has not mastered the 7th/8th grade California State Standards. The student will need another full year of preparation before taking Algebra 1. This will not be accomplished through a summer school course.

- **Foundations – Year 1**
  - Because … the student needs more practice in performing basic arithmetic operations (add, subtract, multiply, divide) on whole numbers, fractions, decimals, and percent. This will not be accomplished through a summer school course.

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