**Course Syllabus Adv. Algebra with Trigonometry**

**Teacher : Ms. Connie Reyes**

**Course Description**

The content of Adv.Algebra/Trig is organized around:

* Linear Equations and Inequalities; their solutions, graphs, and extends to their systems.
* Quadratic Equations; solved by factoring, completing the square, quadratic formula, and extends to graphing the quadratic function.
* Polynomial Equations; finding solutions and extends graphing the polynomial functions. ¬ Exponential and Logarithmic Functions; solutions, graphs, and applications.
* Rational Expressions; operations, solutions, and graphs.
* Conics; standard equations, sketch of the graphs, and applications of circle, parabola, ellipse, hyperbola.
* Sequences and Series.
* Probability and Statistics
* Trigonometry

Textbook: EUREKA Algebra 2

Supplemental Resource– Algebra 2- Mc Dougall Littell

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