

MATHLETES: 2016-2017

COACH: Michaela Andrews

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LEVEL:

All

PREREQUISITES:

2.5 GPA, no F, and no more than 1 D on the previous semester's transcript [Per Student Handbook]

CREDITS:

One credit per semester, may be repeated each year.

COURSE DESCRIPTION:

Mathletes is an academic team that meets to practice problem solving techniques and general math principles. The team puts this practice to use at monthly competitions with other Sacramento area high school teams.

COURSE GOALS AND STUDENT OUTCOMES

This course will:

- Promote enthusiasm for mathematical learning.
- Expose students to new problem solving techniques and systems of logic.
- Encourage students to explore unconventional mathematical approaches.

COURSE OBJECTIVES

Students will:

- Develop mathematical confidence
- Demonstrate proficiency in five areas of math (Arithmetic, Algebraic, Trigonometric, Geometric, and Problem Solving) while specializing in three.

COURSE OUTLINES

- The course will study test questions from previous years as well as other logic based, subject matter questions taken from Academic texts.

ASSESSMENT/GRADING

The grading for Mathletes will be based upon participation in team meetings and competitions. The team meets on Thursdays during Community. Competitions are afterschool on the second Thursday of the month. Students and their families provide their transportation to the competitions.

45% Regular Attendance at Team meetings (absences that are excused by the school are permitted).

45% Attendance at Competition (must attend at least 4 per year, at least one each semester).

10% Participation- actively preparing for competitions and practices.

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By signing this Syllabus, we agree to the above team policies.

Student Signature

Parent Signature