

Applied Math

Mr. Davis

Course Overview

This course is designed to introduce students to the practical applications of mathematical concepts in real-world scenarios. Students will develop problem-solving skills, critical thinking abilities, and the ability to model and analyze complex systems.

Course Objectives

- Develop a strong foundation in core mathematical concepts (algebra, geometry, statistics.)
- Apply mathematical knowledge to solve real-world problems in various fields.
- Enhance critical thinking, problem-solving, and data analysis skills.

Course Content

- **Use mathematics to solve financial problems.**
 - Use mathematics to solve real world financial problems including balancing accounts, planning a budget, making change, totaling mixed coins, etc.
- **Use mathematics to make financial decisions.**
 - Use mathematics to make real world financial decisions including determining if a purchase is affordable, estimate tax, estimate paycheck, etc.
- **Use Linear equations to solve real world problems.**
 - Use equations to solve teaching problems including workplace situations (i.e. calculating inventory, determining transportation time)
- **Use Logic to Solve real world problems.**
 - Use logic and problem solving strategies to solve real world and workplace problems.
- **Apply problem solving strategies to real world problems**
 - Apply effective problem solving strategies to real world and workplace problems.

Assessment

Student performance will be evaluated based on:

- Homework assignments
- Quizzes and exams
- Projects and presentations
- Class participation

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Grading Policy

Students will be graded on class participation, their understanding and completion of note taking, class assignments, quizzes, tests, and projects.

Daily Assignments - 30% Test/Quiz - 50% Projects 20%

Course Policies

- Attendance and punctuality are essential.
- Late assignments may result in a deduction of points.
- Academic honesty is expected.

Classroom Expectations

- Respect for self and others
- Active participation
- Completion of assignments
- Adherence to school rules

Communication

I encourage open communication between students, parents, and myself. Please feel free to contact me via email pdavis@verdenschools.org or call the school to speak to me if you have any questions or concerns.