

Eighth Grade

Language Arts

CommonLit

- Individualized reading instruction through whole class reading and self-selected literature
- Socratic Seminars
- Writer's Workshop Methods (journals, various genres, responses to literature, creative pieces, reports)
- Standards-based vocabulary and writing mechanics
- Daily writing activities implementing "word work" within narrative, expository, and persuasive writing styles
- Weekly reading responses- students apply reading comprehension skills to classroom and self-selected text
- Oral Presentations (current events, poetry, book reports, etc.)
- Middle school oratorical program
- Visits to the school library

Novel List:

- *Twelve Angry Men* by Reginald Rose

Mathematics

College Preparatory Math (CPM)

- College Preparatory Math (CPM) – "Core Connections, Course 3" or "Algebra I"
- Khan Academy and Delta Math, online platforms
- Mathematics tutoring, after school

The Number System

- Apply and extend previous understandings of operations with fractions (multiply and divide rational numbers)
- Solve real-world and mathematical problems involving the four operations with rational numbers.

Expressions & Equations

- Know and apply the properties of integer exponents to generate equivalent numerical expressions.
- Analyze and solve linear equations and pairs of simultaneous linear equations.
- Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in various ways.

Geometry

- Understand the congruence and similarity using physical models, transparencies, or geometry software.
- Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.

Statistics & Probability

- Construct and interpret scatter plots for bivariate measurement data to investigate.
- Investigate patterns of association in bivariate data.
- Use the equation of a linear model to solve problems in the context of bivariate measurement data, interpret the slope and intercept.

Science

Amplify

- Focus on physical science, active engagement in science and engineering, hands-on experiments based on Next Generation Science Standards
- Introduction to coding and technology
- School-wide Fair – using the scientific method and science engineering practices, students submit individual projects.
- Opportunity to apply and participate in the Greater San Diego Science and Engineering Fair.

Social Studies

Studies Weekly

- “Social Studies Alive: The United States through Industrialization”
- Week-long Washington D.C. trip, if permitted
- School-wide Multicultural Fair – Students do an in-depth study of a particular U.S. region and culture and then share with peers.

Christian Education

Your Word is Truth

- “This study for students focuses on seeing all of life through the truth of Scripture. Through the work of the Holy Spirit, the authoritative Truth of the Bible may be understood and embraced as students form a biblical view.”
- Chapel each Friday 1:30- 2:15pm
- Memory Verse Program - Students memorize verses related to chapel lessons
- Bible Reading, prayer and devotions