



MIDDLE SCHOOL

6TH - 8TH GRADE

AT A GLANCE



THE
CALVARY WAY

Reverence for God
Respect for Others
Responsibility for Self

Middle school is an important time to begin balancing your child's need for independence with the structure, security, and protection that parents know is still needed. We believe that Calvary Episcopal Preparatory is the best learning community to meet both those needs.

At Calvary, our learning environment is designed to promote academic excellence. Our low student-to-teacher ratio means that students' strengths are recognized and enhanced while any growth needs are addressed. All curriculum covers the basic requirements, but goes above and beyond in many ways. Our numerous field trips, grade-level projects focusing on self-expression, and involvement in external competitions energize student instruction. In addition, college readiness and career awareness activities help students start the process of imaging who they want to be and what it takes to get there.

At this level, we expect more of students by requiring group service projects to develop community awareness and socially responsible citizens. We demonstrate our commitment to parental involvement with an energetic parent-teacher organization, a multi-functional and easily used communication platform, and active social media accounts. But most importantly, we teach our students about God, His Word, and their relationship with Him and with others through student-led chapels, Bible class, service learning and Christian Character Education classes.



6th Grade

HUMANITIES

- Explore more sophisticated language and language structure through integrated spelling, vocabulary, and grammar
- Extend vocabulary units of study, including Greek and Latin roots, prefixes, and suffixes as a precursor to *Word Within the Word*
- Write pieces that entertain, explain, and create connections with others
- Use Modern Language Association (MLA) format in outlining and research papers
- Develop an authentic voice by using multiple writing techniques
- Perfect scholarly discussions of literature, respecting differing opinions
- Continue reading across genres to understand character, motivation, theme, perspective, and author's purpose
- Develop communication and leadership skills through collaborative projects and individual presentations
- Engage in novel studies and literary analysis
- Cross curricular research, project and presentation

MATHEMATICS

- Serve individual needs by offering both sixth-grade math and pre-algebra
- Generate equivalent expressions by combining like terms, using the distributive property, and operations with real numbers
- Expand skills with operations on rational numbers by using geometry, expressions, equations, probability, and proportional thinking
- Discover and apply math in our daily lives
- Explore personal finance through a budgeting and travel project
- Use samples to draw inferences about population
- Analyze and solve percent problems through real-world situations
- Design a calendar by creating equations whose solutions represent each day of a month

SCIENCE

- The 6th-grade science curriculum is a TEKS-based general science course that covers topics including Matter and Energy, Force and Motion, Earth & Science, and Organisms and Environment
- Hands-on simulations integrated into daily lessons
- Project-based learning opportunities; for example, students apply their knowledge of Force, Motion, and Energy through the design of an amusement park ride which includes an in-class presentation
- Build a foundation for Integrated Life Science in 7th grade

GEOGRAPHY

- Demonstrate basic skills associated with geography
- Discover and understand terms related to geography
- Develop an awareness of how geography impacted the formation of civilizations and its role in today's world
- Compare the implications of interactions and interconnections between various people, places, and environments and how they have changed over time
- Investigate places and regions and the connections among them
- Examine the traditions and conflicts of cultures to gain insight into people and their impact on our world
- Compare and contrast selected landforms and regions of the world
- Apply map-reading skills to analyze features, purposes, and uses of various types of maps, including mental maps
- Demonstrate social studies research skills
- Represent a country at our time-honored World Bazaar

SPIRITUAL

- Conduct student-led Chapels
- Participate in Christian Character Education classes focusing on reverence, respect, responsibility, trustworthiness, caring, fairness, and citizenship
- Attend weekly Bible class which teaches the lineage of Jesus and the stories of the Bible
- Participate in community service projects

Elective Classes

Computer Class
Spanish
ASL
Art
Music
Band
Physical Education

Curriculum-Based Field Trips

Camp Allen
Field Trip

Academic Field
Trips

Extra-Curricular

Archery
Basketball
Flag Football
Cheerleading
Drama Club
Golf
Volleyball
One Act Play
Thespian
Fencing
Track & Field
Tennis

Competitions & Activities

Accelerated
Reader
Spelling Bee
World Bazaar
PSIA



7th Grade

HUMANITIES

- Engage in novel studies and literary analysis
- Examine young adult literature through analytical reading, writing, and classroom discussion
- Continue formal outlining procedures using MLA format
- Build upon writing skills by exploring and utilizing various genres and formats
- Study vocabulary through the mastery of Greek and Latin stems using *Word Within The Word*
- Continue the study of conventions and mechanics of grammar
- Cross-curricular research project and presentation
- Develop communication and leadership skills through collaborative projects and individual presentations

MATHEMATICS

- Make the leap from understanding concrete math to understanding abstract math
- Explore personal finance
- Balance of conceptual understanding, procedural skills, fluency, and applications
- Advanced knowledge of the Pythagorean Theorem, prior to high school entrance tests
- "Discover the Thief" scatter plot project, which asks students to collect data about how far various students can jump
- Continue work on basic skills to make certain that students are ready for high school math
- Advanced problem-solving and development of critical-thinking skills
- Create and use multiple representations to organize and record data, such as scatter plots, linear functions, frequency tables, and equations.

SCIENCE - INTEGRATED LIFE SCIENCE

- Three units of study: Chemistry, Physics, and Life Science including: investigate water quality in local supplies, identifying organic compounds in food, exploring the mechanical advantage of the muscular/skeletal system
- Learn and apply lab safety standards through hands-on labs
- Collaborate during lab experiments, including problem-solving, and project-based learning
- Create spreadsheets to organize data and present with graphs and tables
- Connect science concepts to real-world problems

SOCIAL STUDIES - TEXAS HISTORY

- Explore the history of Texas from early times to present
- Evaluate information and issues in order to critically appraise historical and contemporary claims and/or decisions
- Analyze events, patterns, and perspectives in order to make connections to the present and preparation for the future
- Investigate places and regions and the connections among them
- Examine the traditions and conflicts of cultures to gain insight into people and their impact on our community
- Participate actively and effectively as a citizen of a democracy, living as part of a global community by understanding the impact of economic factors, staying informed, and applying sound decision-making
- Research, analyze, and present multiple perspectives of an historical event
- Participate in a time-honored Family History Night tradition

SPIRITUAL

- Conduct student-led Chapels
- Participate in Christian Character Education classes focusing on reverence, respect, responsibility, trustworthiness, caring, fairness, and citizenship
- Attend weekly Bible class which teaches the lineage of Jesus and the stories of the Bible
- Participate in community service
- Explore a biblically-based course on human sexuality: *These Are Our Bodies*

Elective Classes

Computer Class
Spanish I
Art I
Music
Band
Physical Education
ASL I

Curriculum-Based Field Trips

Overnight Class Trip
Academic Field Trips

Extra-Curricular

Archery
Basketball
Flag Football
Cheerleading
Drama Club
Golf
Soccer
Volleyball
One Act Play
Thespian
Fencing
Tennis
Track & Field

Competitions & Activities

Accelerated Reader
National Writing Spelling Bee
Family History Night
PSIA
NJHS
NJAS
Thespian Troupe



8th Grade

HUMANITIES

- Continue student growth in the areas of reading, writing, listening, speaking, discussion, and reflection
- Engage in novel studies and literary analysis
- Deepen understanding for analysis and critical thinking
- Focus on the five main modes of writing: expository, descriptive, narrative, persuasive, and creative
- Continue formal outlining using MLA format
- Create a research-based project utilizing several modes of writing
- Strengthen study of grammar
- Expound upon vocabulary study using *Word Within the Word II*
- Develop communication and leadership skills through collaborative projects and individual presentations

MATHEMATICS - ALGEBRA

- Take Algebra I for high school math credit or 8th grade math
- Prepare students for paths of success in geometry in high school
- Personal finance unit, published by the Ramsey Foundation
- Design an algebra art project by creating an image from straight lines, writing the equations for the lines, and decorating the art
- Analyze mathematical relationships to connect mathematical ideas
- Apply mathematical ideas to everyday life
- Display knowledge of various functions, such as linear, quadratic, absolute value, and exponential, through the use of transformations

SCIENCE - IPC

- Introduces students to the people, places, and principles of conceptual physics and basic chemistry.
- Collaborate during lab experiments including problem-solving, and project-based learning.
- Engage in scientific practices including asking questions, planning, and conducting experiments using appropriate tools and models.
- Investigate properties of atoms, pure elements, compounds, and chemical bonds
- Explore acids, bases, the pH scale, chemical equations, and reactions and reaction rates.
- Investigate the basics of organic chemistry, nuclear reactions, and thermodynamics.

SOCIAL STUDIES - US HISTORY

- Comprehensive units of study that cover Western Expansion of the United States to the 21st century
- Relate historical events to the current time period
- Evaluate information and issues in order to critically appraise historical and contemporary claims and/or decisions
- Use primary resources to understand historical events
- Analyze events, patterns, and perspectives in order to make connections to the present and preparation for the future
- Research, analyze and present multiple perspectives of a historical event
- Participate in Family History Night
- Continue to integrate Socratic Seminar into daily conversations

SPIRITUAL

- Conduct student-led Chapels
- Participate in Christian Character Education classes focusing on reverence, respect, responsibility, trustworthiness, caring, fairness, and citizenship
- Attend weekly Bible class which teaches the lineage of Jesus and the stories of the Bible
- Participate in community service projects

Elective Classes

Computer Class
Spanish 1B
Art 1B
ASL 1 & 2
Music
Band
Physical Education

Curriculum-Based Field Trips

Washington
D.C.
Academic Field
Trips
Camp Allen

Extra-Curricular

Archery
Basketball
Flag Football
Cheerleading
Drama Club
Golf
Soccer
Volleyball
One Act Play
Thespian
Fencing
Tennis
Track & Field

Competitions & Activities

Accelerated
Reader
National Writing
Spelling Bee
Family History
Night
PSIA
NJHS
NJAS
Thespian Troupe