



ELEMENTARY SCHOOL

1ST - 5TH GRADE

AT A GLANCE



THE
CALVARY WAY

Reverence for God
Respect for Others
Responsibility for Self

At Calvary Episcopal, the first through fifth grade program is designed to be age appropriate and provide a safe and nurturing environment that promotes the physical, social, emotional, cognitive, and spiritual development of all students. The curriculum addresses the development of knowledge and understanding, skills and attitudes, and a broad range of content (language arts, math, science, social studies, health, physical education, music, art, Spanish, technology) that is relevant and meaningful to children. An integrated approach to curriculum, which recognizes the natural interrelation between content areas in instruction, builds upon what children already know and are able to do and fosters the development of thinking, reasoning, decision-making, and problem-solving. We also believe that, as we provide a superior education for our students, we inspire in our students *Reverence* for God, *Respect* for others, and *Responsibility* for self.



1st Grade

HUMANITIES

- Decode and encode words using skills learned through an intense phonics program continuum
- Make connections through text, self, and the world while continuing Inner and Outer Circles through Socratic Seminars
- Daily journal writing focusing on letter formation, spacing, capitalization, and punctuation using *Patterns of Power*
- Reflect and develop a writing voice
- Retell and summarize written material
- Write authentic pieces across genres: including narrative, informative, opinion, and poetry
- Experience a balanced approach to literacy, which includes differentiated word work, sight word recognition, shared reading, independent reading, and interactive read-aloud
- Practice fluency and comprehension strategies through shared, independent, and partner reading from self-selected and leveled texts
- Utilize specific reading comprehension strategies to delve deeper into texts
- Recognize literary elements in genre: character, setting, and conflict
- Integrate the five strands of Social Studies: history, civics and government, geography, economics, and culture and society
- Prepare students to become responsible citizens, displaying social and civic efficacy
- Use speech concepts for different modes of self-expression across disciplines
- Monthly cross-curricular self-expression with individual and partner presentations



MATHEMATICS

- Solve problems involving addition and subtraction
- Daily study of math facts
- Exposure to mathematic vocabulary that is needed for success in future grades
- Understand and apply properties of operations and the relationship between addition and subtraction
- Add and subtract double digits up to 100
- Understand place value
- Use place value properties of operation to add and subtract up to 1000
- Measure lengths indirectly and by repeating length units
- Count and use number patterns to 120
- Recognize and name fractions
- Identify and count money
- Tell and write time to the half-hour
- Represent and interpret data
- Reason with shapes and their attributes

SCIENCE

- Use the Scientific Method: Ask questions and define problems, plan and investigate, collect and record data, and engage in critical conversations
- Observe and use discovery to understand scientific concepts
- Investigate concepts such as light, space, seasons, water cycle, plants, animals, earth, and its resources
- Gather and compare data from observations

SPIRITUAL

- Participate in student-led Chapels
- Take part 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
- Engage in community service projects

Enrichment Classes

Computer Class
Spanish
Art
Music
Library
Bible
P.E. daily

Extra-Curricular

Drama Club
Chess Club
Soccer
Basketball

Curriculum Based Field Trips

Houston Zoo

Competitions & Activities

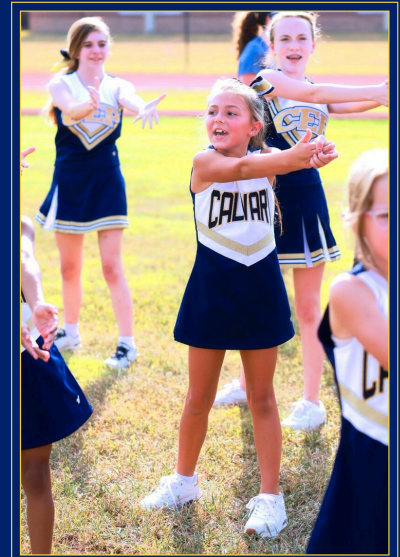
PSIA
Math Fact Bee
Spelling Bee



2nd Grade

HUMANITIES

- Begin to use academic discussions to have meaningful, critical thinking conversations, with a rationale to back up each point, through Socratic Seminars
- Continue phonemic awareness through the phonics program
- Progress from “learning to read” to “reading to learn” through Balanced Literacy
- Engage in academic literary discussions with Socratic Seminars
- Practice fluency and comprehension strategies through independent and partner reading
- Understand and apply word patterns and high-frequency words
- Identify literary elements in various genres, such as fiction, nonfiction, and poetry
- Engage in authentic, independent writing including narrative, informational, opinion, and poetry, using all steps in the writing process
- Reflect on writing in order to develop voice and craft
- Use grammar skills holistically in writing, focusing on capitalization, punctuation, parts of speech, and editing skills using *Patterns of Power*
- Integrate the eight strands of Social Studies
- Engage in the research process to promote inquiry and independent learning
- Implement cursive writing
- Use speech concepts for different modes of self-expression across disciplines



MATHEMATICS

- Understand place value to the thousands place
- Utilize place value and properties of operation to add and subtract multi-digit numbers with and without regrouping
- Exposure to the mathematic vocabulary that is needed for success in future grades
- Solve 1-step and multi-step word problems involving addition and subtraction within 1000 using a variety of strategies
- Utilize models to gain foundations for multiplication
- Identify and describe fractional parts of a whole and a group
- Measure and estimate length and capacity in standard units and metric units
- Tell time to the five (5) minute interval
- Identify coins and determine the value of coin collections up to \$1.00
- Understand and interpret data from picture and bar graphs
- Identify, draw, and analyze two-dimensional and three-dimensional shapes, including perimeter and surface area

SCIENCE

- Use the Scientific Method: Ask questions and define problems, plan and investigate, observe, collect, and record data
- Investigate concepts such as matter, energy, force and motion, plants, animals, habitats, food chains, water, rocks and minerals, earth and sky, and weather
- Provide hands-on learning opportunities such as creating models and lab experiments
- Practice the Engineer Design Process: define the problem, identify possible solutions, design a solution, create a prototype, and optimize its design
- Develop and expand communication, innovation, and creativity to solve complex engineering, science, and math problems

SPIRITUAL

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

Enrichment Classes

Computer Class
Spanish
Art
Music
Library
Bible
P.E. daily

Extra Curricular

Drama Club
Chess Club
Pep Squad
Soccer
Basketball

Curriculum Based Field Trips

Houston
Interactive
Aquarium
Biome Research
Project

Competitions & Activities

PSIA
HLSR Writing
Competition
Math Fact Bee
Spelling Bee
Accelerated
Reader



HUMANITIES

3rd Grade

- Continue Literacy Groups to promote student cooperation and motivation
- Read across genres to build a more robust personal “reading life”
- Utilize Balanced Literacy and apply reading comprehension strategies including insightful connections, making strong inferences, observations, and wonderings that are modeled and taught during Reader’s Workshop
- Continue to use academic discussions to have meaningful, critical thinking conversations, with a rationale to back up each point, through Socratic Seminars
- Introduce a formal vocabulary study highlighting Roman Numerals 1 - 100 (I-C)
- Use context clues to determine the meaning of unfamiliar words
- Write across genres including narrative, informative, persuasive, and poetry
- Develop an authentic voice through all steps of the writing process
- Introduce formal outlining procedures using Modern Language Association (MLA) format
- Understand writing mechanics and parts of speech through holistic grammar instruction with *Patterns of Power*
- Understand and apply word patterns and high-frequency words
- Implement proficiency with cursive writing
- Incorporate speech requirements into presentations and projects
- Apply non-fiction reading, writing, and research skills through social studies
- Develop communication and leadership skills through collaborative projects and individual presentations
- Large and small group book presentations in a variety of self-expressive ways
- Strengthen and deepen the application of the eight strands of Social Studies
- Introduce Close Read strategies



MATHEMATICS

- Develop strategic thinking to solve story problems
- Use place value understanding and properties of operations to perform multi-digit arithmetic
- Solve problems involving the four operations of subtraction, addition, multiplication, and division
- Exposure to the mathematic vocabulary needed for success in future grades
- Solve multi-step problems
- Identify and explain patterns
- Understand properties of multiplication and its relationship with division
- Understand fractional equivalence and order
- Estimate and measure time, liquid volume, and mass of objects
- Solve problems involving measurement and estimation
- Represent and interpret mathematical data
- Extend understanding of area and perimeter with both regular and irregular shapes
- Identify, sort, classify, and construct various shapes

SCIENCE

- Use the Scientific Method: Ask questions and define problems, plan and investigate, collect and record data, and engage in critical conversations through Socratic Seminars
- Observe and discover to gather evidence
- Develop fair tests to answer scientific questions
- Understand scientific concepts such as plant/animal adaptations, earth science, weather and climate, forms of energy, electricity, circuits, and matter.
- Expand the use of logical thinking through basic coding and programming
- Practice the Engineering Design Process: define the problem, identify possible solutions, design a solution, create a prototype, and optimize its design
- Begin a three year-long unit of Natural Science -*Ology* based lessons at Long Acres Ranch (Myrmecology, Hydrology, etc)

SPIRITUAL

- Participate in student-led chapels
- Take part in Christian Character Education classes focusing on reverence, respect, responsibility, trustworthiness, caring, fairness, and citizenship.
- Attend Bible class weekly that teaches the lineage of Jesus and the stories of the Bible.
- Engage in community service projects

Enrichment Classes

Computer Class
Spanish
Art
Music
Library
Bible
P.E. daily

Extra-Curricular

Drama Club
Chess Club
Pep Squad
Soccer
Basketball

Curriculum Based Field Trips & Projects

George Ranch
Historical Park

-Ology lessons
At Long Acres

Wax Museum

Competitions & Activities

PSIA
Math Fact Bee
Spelling Bee
Accelerated
Reader



4th Grade

HUMANITIES

- Continue Socratic Seminars for scholarly academic discussions
- Promote Reader's Workshop to delve deeper into different genres of literature
- Apply reading comprehension skills with emphasis on the author's purpose, theme, and synthesis across texts
- Use context clues to determine the meaning of unfamiliar words
- Continue formal outlining procedures using MLA format
- Fine-tune and polish all steps in the writing process, focusing on developing an authentic voice
- Understand and apply grammar concepts taught through a systematic, holistic approach using *Patterns of Power*.
- Introduce formal vocabulary study focusing on prefixes and suffixes
- Develop communication and leadership skills through collaborative projects and individual presentations
- Strengthen and deepen the application of the eight strands of Social Studies
- Incorporate speech requirements into projects and presentations
- Integrate social studies through units and book clubs focused on Texas History
- Continue and refine Close Read techniques.



MATHEMATICS

- Master solving problems involving the four operations of subtraction, addition, multiplication, and division
- Read, write, order, and compare numbers and interpret numerical expressions
- Analyze patterns and relationships
- Use equivalent fractions as a strategy to add and subtract
- Understand decimal notation for fractions/comparing decimal fractions
- Extend understanding of multiplication and division
- Convert like measurement units within a given measurement system
- Represent and interpret data and justify solutions
- Implement Hands-on Algebra (Level 1)
- Understand concepts of volume
- Graph points on the coordinate plane to solve real-world and mathematical problems
- Apply the concepts of area and perimeter

SCIENCE

- Investigate concepts such as force and motion, energy, circuits, weather, natural disasters, electricity, geology, astronomy, life science, and inventions
- Use the Engineering Process including asking questions and defining problems to plan and conduct investigations, and collect evidence to answer scientific questions
- Engage in academic arguments from evidence
- Continue a three year-long unit of Natural Science -Ology based lessons at Long Acres Ranch (Pedology, Meteorology, etc)

SPIRITUAL

- Participating in student-led Chapels
- Taking part 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
- Engaging in community service projects

Enrichment Classes

Computer Class
Spanish
Art
Music
Library
Bible
P.E. daily
Band
Hands-On
Algebra

Extra Curricular

Basketball
Drama Club
Pep squad
Football
Soccer
Tball
Chess

Curriculum Based Field Trips

The Alamo
Mission San
Jose
-Ology lessons
at Long Acres
Ranch

Competitions & Activities

PSIA
Battle of the
Bluebonnets
Accelerated
Reader
Math Fact Bee
Spelling Bee



5th Grade

HUMANITIES

- Continue Reader's Workshop and delve deeper by reading several works of an author in order to analyze, compare, and evaluate the author's style and purpose
- Explore more sophisticated language and language structure through integrated spelling, vocabulary, and grammar using *Patterns of Power*
- Write to empower, entertain, explain, and create connections with others
- Continue formal outlining procedures using MLA format
- Fine-tune and polish the writing process, focusing on developing an authentic voice.
- Use cross-curricular connections that depict events and experiences studied. (e.g., American History-Historical fiction)
- Conduct authentic, independent research and present products
- Perfect discussions of literature using Socratic Seminars
- Read across genres to understand character, motivation, theme, perspective, and author's purpose
- Continue Vocabulary Study with Greek & Latin Roots, Prefixes & Suffixes
- Develop communication and leadership skills through collaborative projects and individual presentations
- Use speech concepts for different modes of self-expression across the disciplines
- Strengthen and deepen the application of the eight strands of Social Studies
- Perfect implementation of Close Read techniques



MATHEMATICS

- Read, write, order, and compare numbers from thousands through billions
- Exposure to the mathematic vocabulary needed for success in future grades
- Write numbers using prime factorization
- Identify the lowest common multiple and greatest common factor
- Distinguish between prime and composite numbers
- Explain the reasonableness of an answer
- Perform operations with rational numbers
- Compare, order, and convert fractions, decimals, and percentages
- Identify equivalent fractions
- Find sales tax and discounts represented in percentages
- Analyze errors and articulation
- Calculate simple probability and represent as fractions, decimals, or percentages
- Locate points and graphs in the first quadrant
- Identify and substitute variables in expressions

SCIENCE

- Conduct an integrated study of Life, Physical, Earth, and Space
- Learn advanced integrated science and math skills using measurement tools, scientific laboratory equipment, and technology
- Implement inquiry and argument-driven methods to evaluate scientific claims
- Build on the knowledge of coding
- Connect science, technology, engineering, and art to solve problems and understand concepts
- Continue cross-curricular learning experiences, focusing on rigor through depth and complexity
- Advance collaboration skills and knowledge
- Continue a three year-long unit of Natural Science -Ology based lessons at Long Acres Ranch (Mycology, Lepidopterology, etc)

SPIRITUAL

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

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Book Writing
Hands-On
Algebra

Extra-Curricular

Basketball
Drama Club
Pep Squad
Football
Soccer
Volleyball
Chess

Curriculum Based Field Trips

USS
Lexington
(Corpus
Christi)
-Ology
lessons at
Long Acres
Ranch

Competitions & Activities

PSIA
Battle of the
Bluebonnets
Accelerated
Reader
Math Fact
Competition
Spelling Bee