

GRACE EPISCOPAL DAY SCHOOL

CURRICULUM GUIDE



Grace is a joyful environment where students are eager to learn, and Christ-like values are lived. Our campus fosters a sense of wonder through hands-on exploration and discovery, with a special emphasis on the beauty of our outdoor spaces. By nurturing the mind, body, and spirit of each student, we deepen the connections that positively impact our community.

We believe that education is meaningful work and are deeply committed to developing the whole child.



LANGUAGE ARTS

Students develop strong reading, writing, speaking, and analytical skills, enabling them to understand and communicate complex ideas effectively. They will engage critically with texts and use evidence to support their reasoning.

Reading and Literary Analysis

- Determine a theme or central idea of a text and analyze its development over the course of the text.
- Analyze how particular elements of a story or drama interact (e.g., how setting shapes characters or plot).
- Determine the meaning of words and phrases, including figurative, connotative, and technical meanings, and analyze their impact on tone and meaning.
- Analyze an author's point of view or purpose and how it is distinguished from other perspectives.

Writing and Research

- Support claims with logical reasoning and relevant, accurate evidence from credible sources.
- Write informative and explanatory texts, selecting, organizing, and analyzing relevant content.
- Use evidence to support a thesis, citing sources correctly, and analyze evidence to strengthen arguments.

7TH GRADE MATHEMATICS

Students will develop a deep understanding of mathematical concepts and skills, enabling them to solve problems, think critically, and apply mathematics to real-world situations.

Number Sense and Operations

- Demonstrate fluency in all operations involving real numbers, integers, rational numbers, and irrational numbers.

Algebraic Concepts

- Simplify expressions and solve equations and inequalities.
- Understand and apply factoring techniques.

Geometry and Measurement

- Identify and understand geometric figures and their properties.
- Apply measurement concepts to area, volume, angles, and other geometric problems.

Probability and Statistics

- Understand probability concepts and analyze statistical data.
- Collect, organize, and interpret data effectively.

Mathematical Communication and Collaboration

- Communicate mathematical ideas clearly in written and oral form.
- Work effectively in cooperative learning groups.
- Use mathematical terminology appropriately.

Financial Literacy

- Apply math skills to real-life contexts such as taxes, tips, discounts, interest, and banking.

PRE-ALGEBRA

Students strengthen foundational math skills and explore advanced concepts in preparation for Algebra.

Number Operations & Algebra

- Develop proficiency with integers and rational numbers.
- Write, solve, and analyze algebraic expressions and equations.
- Solve and graph inequalities.

Ratios, Proportions, & Functions

- Read, write, and apply ratios and proportions, including to similar figures.
- Convert fluently between percents, decimals, and fractions.
- Explore linear and nonlinear functions, graphing, and exponents.

Geometry & Measurement

- Identify and manipulate real numbers and right triangles.
- Solve equations using distance and angle relationships.
- Calculate surface area and volume of 3D shapes.

Data Analysis & Probability

- Analyze data using statistics and probability concepts.

SCIENCE

Students will develop scientific thinking and problem-solving skills, enabling them to investigate, analyze, and understand the natural world.

Scientific Inquiry and Process

- Use the scientific method and/or engineering design process to plan and carry out investigations or test solutions.
- Conduct investigations, make observations, and generate knowledge.
- Utilize scientific vocabulary to communicate findings both orally and in writing.

Cell Biology and Genetics

- Explore cell structure, organelles, and cell division.
- Understand protein synthesis and the relationship of cell function to genetics.
- Design, test, and refine experiments to deepen understanding of heredity and cell function.

Human Body Systems

- Engage in the study of the human body, focusing on the endocrine and reproductive systems.
- Understand the structure, function, and interaction of human systems.

WORLD GEOGRAPHY

Students will develop a global perspective by analyzing geographic patterns, human-environment interactions, and cultural systems, enabling them to understand and communicate how people and places shape the world.

Geographic Skills and Tools

- Use maps, globes, and other geographic representations, tools, and technology to gather and report information.
- Understand and apply geographic terminology.

Population, Culture, and Human Systems

- Examine population density, migration, and the impact of human populations on Earth's surface.
- Explore how culture and personal experience influence perceptions of places and regions.
- Describe processes, patterns, and functions of human settlement.

Economics and Global Interactions

- Analyze the economic characteristics of various countries.
- Study how cooperation and conflict among people influence the division and control of Earth's surface and resources.

7TH

SPANISH

Students develop proficiency in the Spanish language while exploring the cultures of Spanish-speaking countries.

Daily Language Practice

- Engage in routines including greetings, prayers, attendance, weather reports, and discussions.
- Review “gustar” and stem-changing verbs, numbers up to 1,000, and irregular conjugations.

Vocabulary & Thematic Units

- Learn sports, hobbies, shopping, travel, and vacation vocabulary.
- Create travel blogs, skits, and role-play scenarios to apply language skills.

Grammar Skills

- Master “ser” vs. “estar” and “saber” vs. “conocer.”
- Conjugate verbs for present progressive, reflexive actions, and commands.

Cultural Exploration

- Complete quarterly mini-units on Spanish-speaking countries.
- Participate in the Spanish Fair for Hispanic Heritage Month.
- Attend cultural field trips such as Flamenco Ballet performances and authentic dining experiences.

VISUAL & PERFORMING ARTS

Visual Arts

- Study famous artists, works of art, and periods of art history.
- Explore advanced techniques: blending, cross-hatching, stippling, and chiaroscuro.
- Work with acrylics, watercolor, and mixed media; design graphic art projects.

Music & Performing Arts

- Study music periods, composers, and genres.
- Practice public speaking and speech writing.
- Compare performances to analyze artistic choices.
- Create original musical compositions.

STEM

Working in tandem with the 7th grade science curriculum, students explore STEM careers in the life sciences, including biologists, environmental scientists, statisticians, and data scientists. They engage with hands-on STEM challenges that reflect real-world applications in these fields.

- **Problem-Solving:** Identify issues and develop creative, innovative solutions using design-based thinking.
- **Critical Thinking:** Analyze information, evaluate designs, and make evidence-based decisions.
- **Collaboration & Communication:** Work effectively in teams and communicate findings, ideas, and solutions clearly.
- **Creativity:** Use imagination to spark innovative solutions to complex challenges.

CHRISTIAN EDUCATION

Students deepen faith, explore Biblical teachings, and apply Christian principles to daily life.

Faith & Relationship with God

- Explore relational living through programs such as Godspeed and Alpha Youth.
- Support a personal walk with Christ, understanding His love, grace, and mercy.

Liturgical & Biblical Studies

- Follow the liturgical calendar to understand the church seasons.
- Study the Bible’s overarching theme of God’s plan for us.
- Examine sacraments and living out the Gospel.

Church History & Service

- Explore Church history, key figures, and traditions.
- Serve as chapel leaders and participate in weekly chapel services.

7TH

PHYSICAL EDUCATION

Students develop physical fitness, coordination, and teamwork through structured activities and games.

Fitness & Body Awareness

- Practice body awareness and self-care through regular exercise.

Skill Development

- Improve throwing, catching, kicking, aim, and endurance.

Sportsmanship & Teamwork

- Demonstrate good sportsmanship in all activities.
- Participate in JCAL and NFISAC sports leagues, including volleyball, soccer, and flag football.

WELLNESS

Students will learn to nurture their physical, mental, emotional, and social well-being through intentional daily practices and self-awareness. They will explore how healthy habits support balance, resilience, and strong relationships. Key areas of study include:

Mindfulness & Gratitude

- Discover the value and benefits of a daily gratitude practice to cultivate positivity and emotional balance.
- Learn and apply regular breathwork techniques, such as 4-7-8 breathing, to manage stress and promote relaxation.

Self-Care & Healthy Living

- Develop and practice self-care skills that include nutrition, exercise, mindful eating, organization, empathy, self-control, perseverance, and conflict resolution.
- Understand how small, consistent habits contribute to lifelong wellness and a balanced lifestyle.

Relationships & Emotional Health

- Identify the qualities of a healthy relationship and learn to establish and maintain healthy boundaries.
- Gain exposure to effective coping strategies for managing challenges and emotional stress.
- Practice conflict resolution skills to promote empathy, respect, and strong interpersonal connections.



THE MISSION OF GRACE EPISCOPAL DAY SCHOOL IS TO
DEVELOP ENGAGED LEARNERS AND CONFIDENT LEADERS
WHO SINCERELY MODEL THE LOVE OF CHRIST.