



Cambridge Christian School

Serving Christ through Excellence in Academics, Athletics and Fine Arts

Admissions Department

Fifth Grade Curriculum

Bible – *Purposeful Design by ACSI and The Young Peacemakers by Corlette Sande*

Students will conduct an overview of the Old Testament. Students will participate in an in-depth study of the Old Testament Bible characters in chronological order. They will examine the good and bad choices made by these characters and reflect on their significance.

Student Goals:

- Understand the Bible as God's inspired Word and absolute truth
- Recognize God's nature, character, and plan as revealed in Scripture
- Apply Biblical principles in relationships and service to others
- Memorize weekly Scripture verses, pray daily, and attend weekly chapel service

Math – *Math in Focus: Singapore Math*

The Singapore Math approach has a strong base of foundational research and is highly recognized for producing remarkable results both in the US and internationally. The program emphasizes problem solving, promotes positive attitudes toward math, and focuses on developing skills, concepts, processes, and metacognition through its concrete » pictorial » abstract learning progression. Learning is designed to encourage students to reflect on their thinking and provide real-world, hands-on experiences through the implementation of manipulatives, as well as engaging and differentiated instructional methods.

Student Goals:

- Demonstrate mastery of number sense, place value, estimation and number theory
- Apply mathematical problem solving skills and mental math strategies
- Demonstrate expansion of the following acquired skills through the year: whole number multiplication & division, graphs & probability, fractions & mixed numbers, multiplying and dividing fractions/mixed numbers and decimals, and percent
- Introduced to algebraic concepts and reasoning

Reading/Language Arts – *Flying Start, Zaner Bloser, Shurley Grammar, Vocabulary Workshop, Learning A-Z, Interactive notebook, Novels - The Wright Brothers: Pioneers of Aviation, Sheriff at Waterstop, Fever: 1793, Little Pilgrims Progress and various grammar, phonics, writing and reading Daily 5 resources*

Our language arts program is multifaceted and comprehensive, built on sound research-based pedagogies. All language arts components are integrated: reading, phonics, vocabulary, spelling, handwriting, grammar, and writing. Students are assessed to determine instructional reading level, and individual student progress is monitored. Skills and strategies are taught using a whole/small group blended instructional approach to support decoding, fluency, vocabulary and comprehension. Phonics is taught along with spelling and vocabulary to reinforce overall proficiency. Grammar and writing are taught in a separate block, and editing skills, punctuation, and the writing process are all taught along with grammatical conventions of English language. Handwriting is also taught to support the foundational skills required for students to become proficient readers and writers.

Student Goals:

- Develop skills and strategies to become independent and proficient readers, spellers, and writers
- Participate in the Accelerated Reader Program
- Create thinking maps to demonstrate development of reading comprehension and writing concepts
- Participate in collaborative conversations, present information with supporting evidence, and respond & ask questions to express understanding in Socratic seminars and Harkness discussions
- Read literary text with purpose & understanding while developing mastery of fluency skills, speed, and proper expression
- Identify literary elements, structures and overarching lessons found in biographies
- Read realistic and historical fiction in order to examine how literary elements and characters connect within each theme
- Interpret, analyze, and synthesize informational text structures and content to determine or infer meaning and point of view
- Classify sentences, identify parts of speech through singing/application of grammar jingles in writing and speaking
- Produce various written pieces by the end of the year reflecting proper conventions, correct punctuation, and content (arguments to support claims with evidence of support, explanatory/informative paragraphs with support, biography, research paper, and narratives)

Science – *Science Fusion, Interactive notebook*

The Science Fusion program is built on inquiry, STEM, hands-on interactive labs and activities, and student centered textbooks which all promote the critical thinking skills necessary for developing scientific reasoning and understanding. This holistic science experience allows students to inquire, think, predict, analyze, and apply scientific thinking as they interact with content. Biblical worldview principles will be integrated within all content presented. The fifth grade content includes: scientific method, forces/motion, engineering processes, cells, earth oceans, solar system, matter, light and sound.

Student Goals:

- Participate in weekly science lab
- Understand and apply the scientific process
- Describe Biblical Worldview principles as they relate to scientific content presented

Social Studies – *Studies Weekly Magazine, Interactive notebook*

Students will exceed the common learning objectives and standards for fifth grade social studies as outlined by the state of Florida. The Studies Weekly Magazine presents age-appropriate content and activities designed to engage young children and introduce them to historical, civic and economic concepts. The primary focus is American History, beginning with Native Americans, through westward expansion and American Revolution. The major themes for fifth grade are geography and Government (the constitution, branches of government, Bill of Rights, loyalists, patriots, etc.) A highlight of the economics unit is a real world business experience to Biz Town.

Technology Resources: *Moby Max and Brain Pop*

Weekly Special Classes

Spanish - Students continue to develop their listening and speaking skills of the Spanish language through review, repetition, and practice. Students will be introduced to vocabulary and grammar through a story telling language approach, and an emphasis will also be placed on pronunciation and real-life conversational phrases. The topics for fifth grade include: amusement parks, using the computer, ¡Fiesta de Sorpresa! (Surprise Party!), and objects of daily use.

Music – The program is designed to teach music from a Scriptural basis, and students will use music as a tool for worship and outreach. The course is divided into four parts each, containing various elements of music with an emphasis on vocal techniques, performance practices, musical history, and exposure to a selection of music from Sousa, Cohan, Berlin and Key. Students will also evaluate exemplary musical works from era of military marches and early Broadway patriotic musicals. Fifth graders will participate in two school-wide performances. Additionally, they will be assessed on proper vocal, performance and movement techniques.

Art – The fifth grade art program will build upon skill level and media. Students will learn design elements using a variety of media (paint, chalk, colored pencils, paper, clay, etc.). Fifth grade will learn about design utilizing lines, shape, space and color. As a result, they will produce landscapes, a logo project, African masks, self-portrait, 3-D art, various paintings, and clay sculptures (including a Nativity character). The artist highlighted will be Georgia O’Keefe. Students will also compare their own God-given unique style to examples of famous artists’ work.

Library Science - The Media Center will serve to expand and increase reading and comprehension as students are exposed to a variety of non-fiction collections. The fifth grade students will expand their understanding of non-fiction text, reference books, and discuss proper ways to gather research. They will explore both online and published almanacs and atlases for research purposes. Students will also interact with technology to build their research skills through electronic reference sites, gathering information and properly citing it within text as they complete a cumulative end of year project.

Physical Education – The program is designed to emphasize lifetime health & fitness, as well as begin to develop individual and team sport skills. Students will be tested to determine fitness level throughout the year. Fifth graders expand their understanding of the rules, skills and strategies necessary to play a variety of team sports ranging from football, hockey, and baseball/softball to other court spots such as basketball and volleyball. Students will also continue to develop their coordination and athletic skills by participating in a variety of other cooperative court and field games while demonstrating Godly sportsmanship.

Technology Integration - Students will build upon their keyboarding skills and techniques. Students will produce documents using word processing features, Power Points, Publisher, and spreadsheets applying more complex features. They will expand their understanding of coding languages. Fifth graders will master their understanding of the importance of good digital citizenship and proper usage of technology.

Christian Student Leadership Council (CSLC) – Fifth grade students have the opportunity to participate in the application process in the fall for membership. The CSLC participates in community outreach and helps to lead weekly lower school chapel.