



Cambridge Christian School

Serving Christ through Excellence in Academics, Athletics and Fine Arts

Admissions Department

Second Grade Curriculum

Bible – *Purposeful Design by ACSI*

Students will study 2 to 3 week units focused on various Old and New Testament Bible characters and their defining character traits. They will examine how these Bible giants dealt with obedience, respect, perseverance, diligence, service and faithfulness among others. The general themes for 2nd grade are based on these in-depth unit studies.

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, as well as application of Truth Strands
- weekly Memorize 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:

- Develop and build number sense, numbers to 1,000
- Apply mathematical problem solving skills, mental math and estimation strategies
- Gain introductory understanding and practice with multiplication and division
- Demonstrate expanded understanding of time, money, measurement, bar models & graphs, shapes and patterns, addition & subtraction (with and without regrouping), and place value

Reading/Language Arts – *Flying Start, Zaner Bloser, DRA2, Vocabulary Workshop, Learning A-Z, 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 context, 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 literacy "work stations" and 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
- Read literary text with purpose & understanding while developing fluency skills, speed, and proper expression
- Analyze and interpret informational text structures and content to determine meaning and point of view
- Demonstrate reading proficiency by reaching or surpassing a reading level of 28 based on DRA2
- Produce, expand and rearrange simple and compound sentences applying correct structure, capitalization & punctuation

- Identify and use various parts of speech (irregular nouns & verbs, adjectives, adverbs, reflexive pronouns, conjunctions & prepositions) when writing or speaking
- Form all letters of the alphabet using manuscript and begin to use cursive strokes
- Produce various written pieces by the end of the year reflecting proper conventions, correct punctuation, and content (explanatory/informative paragraphs with evidence of support, poetry, research paper, and narratives)

Science – Science Fusion

The Science Fusion program is a state-of-the-art digital science curriculum 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 and incorporated to all content presented. The second grade content includes: Working like a scientist, animals, plants, the earth, weather, solar system, environment for living things, and matter, energy and magnets.

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 – Time for Kids and Teacher Created Units

Students are exposed to the common learning objectives and standards for second grade social studies as outlined by the state of Florida. Each unit presents age-appropriate content and activities designed to engage young children and introduce them to historical, civic and economic concepts. The second grade topics include: American symbols, citizenship and patriotism, Explorers, North American Indians and the Pilgrims, US geography and using maps, trade, goods and services.

Technology Resources: *Moby Max and Brain Pop Jr.*

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 second grade include: clothes, shopping, food and different types of transportation.

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 musical instruments. Second graders will participate in two performances during the year, memorize various songs and be introduced to international music and musical instruments.

Art – The second grade art program will build upon skill level and media. Students will learn design elements using a variety of media (paint, chalk, colored pencils, markers, etc.). Second grade will learn about color, form, geometric and organic shapes, negative and positive space, and produce clay sculptures (including a Nativity character). The students will also study the style and art of Picasso and Henri Matisse. 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 fiction/non-fiction collections. The second grade students will study fiction and non-fiction works including biographies and reference materials, as well as discuss proper ways to care for books. Students will also interact with technology to build their alphabetizing, counting and predicting skills.

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. Second graders will expand their understanding of space awareness, movement skills, rhythm dance, and a variety of activities to promote balance, speed, strength, flexibility, coordination, agility, and cardiovascular fitness.

Technology Integration - Students will expand their keyboarding skills through *Paws Typing Town* and general computer functions through *Sammy's Science House*. Students will produce documents using basic word processing features and be introduced to the basics for creating spreadsheets. Second graders will also discuss the importance of good digital citizenship and proper usage of technology.