



# Cambridge Christian School

*Serving Christ through Excellence in Academics, Athletics and Fine Arts*

## Admissions Department

### **Sixth Grade Curriculum**

#### **Bible – *Winning The Race – Positive Action***

Students are introduced to an overview of both New and Old Testaments. Students will also begin a more intensive and in-depth study of the New Testament, focusing on popular New Testament Scripture verses and the four gospels. The general theme for 6th grade is the interpretation and application of key popular Scriptural verses to daily life.

##### *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
- Attend weekly chapel service

#### **Math – *Math Concepts by Glencoe***

The approach applied in this course is research-based and supported by instructional strategies which develop students into mathematical problem solvers. The program promotes mathematical reasoning that helps students to connect and think logically through concepts and situations in order to determine which solution strategy will be most effective. The cooperative instructional strategies used help students to gain confidence and foster greater long term understanding and retention. 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 foundational structures for Algebra, Geometry, Probability and Data Analysis
- Apply mathematical problem solving skills and mental math strategies
- Demonstrate understanding of decimals and fractions
- Solve and apply mathematical reasoning to real-world problems

#### **Reading/Language Arts – *Novel Studies, Vocabulary Workshop, Daily Grammar Practice, and a variety of short stories***

Our language arts program is multifaceted and comprehensive, built on sound research-based pedagogies. The language arts components of reading, writing, vocabulary and grammar are integrated and taught using a whole/small group blended instructional skill based approach. Students will be exposed to a variety of literary genres, and they will read a variety of novels: *The Westing Game* and *Gifted Hands*.

##### *Student Goals:*

- Build a foundation to develop proficient college and career ready readers and writers
- Create thinking maps to demonstrate reading comprehension and writing development
- Present orally in front of the class and participate in Socratic Seminars & group discussions
- Sharpen their language convention skills through classifying sentences, sentence structure, and studying parts of speech
- Produce various written pieces by the end of the year reflecting proper conventions, correct punctuation, and content (narrative and informative paragraphs, constructed responses, short stories, research papers, poetry and playwrights)
- Integrate core Biblical principles for forming meaningful responses to the challenges of today's culture
- Validate Internet sources when conducting research

#### **Science – *Interactive Life Science by Pearson***

The Interactive Life Science program is founded in comprehensive learning approaches, teaching strategies, and philosophies designed to engage learners to deepen their scientific thinking and reasoning through hands-on interactive labs, activities and innovative presentation of concepts. Biblical worldview principles will be integrated and incorporated to all content presented. The 6<sup>th</sup> grade content includes: the study of living things from cells to functions to cell structures, plants, and the human body. Students will participate in a culminating project to demonstrate their learning throughout the first quarter.

#### *Student Goals:*

- Participate in conducting scientific experiments and research weekly in science lab
- Understand and apply scientific reasoning with adequate evidence and support
- Describe Biblical Worldview principles as they relate to scientific content presented throughout the course
- Participate in field trip to Nature's Classroom in the Spring

#### **Social Studies – World History by Holt**

This course is designed to help students connect, reflect, and re-imagine how the people, places, decisions and historical events developed and how they continue to impact our current societies worldwide from a Biblical worldview perspective. The students will encounter a variety of engaging learning experiences to reinforce their understanding of world history, as well as develop skills to interpret and analyze how history and geography connect to our daily lives. Students will study the time periods from early humans and their civilizations. At the end of the course students will participate in a culminating project to demonstrate and represent their learning throughout the semester.

#### *Student Goals:*

- Participate in classroom discussions and provide evidence and support for their reasoning
- Understand and apply how civilizations have developed and shaped our current societies
- Describe Biblical Worldview principles as they relate to historical content presented throughout the course

#### **Technology Resource: Moby Max**

#### **Weekly Special Classes/Clubs**

**Spanish** - Students continue to develop their listening, speaking, writing, and reading skills of the Spanish language through review, repetition, and practice. Students will expand their 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 sixth grade include routines, vacations in the Caribbean, going camping, and descriptions using Ser and Estar.

**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 and genres, and each with an emphasis on vocal techniques, performance practices, musical history, exposure to famous musicians like Beethoven, and uses of technology in music today. Sixth graders will participate and take the lead roles in two coordinated musical performances during the year, memorize a variety of songs from different genres, and have the opportunity to lead worship at lower school chapel.

**Band** – Our program is open to all 6<sup>th</sup> grade students who are interested in playing an instrument in band. The 6<sup>th</sup> grade students will be members of the pep band and join our 7<sup>th</sup> & 8<sup>th</sup> grade students in middle school band twice a week for formal instruction. They will also participate in various band concerts throughout the year. The band curriculum consists of comprehensive concert major scale mastery (Bb-E), including scale degrees and measures.

**Art** – The sixth grade art program will build upon skill level and media. Students will learn design elements using a variety of media (paint, chalk, colored pencils, clay, etc.). They will learn the art principles of pattern, rhythm, unity and value. They will also study ancient Greek pottery and Oaxacan art from Mexico. The artist highlighted is Victor Vasarely. Additionally, students will produce a papier Mache animal, coil pottery, and a clay sculpture to complete their Nativity. Students will also compare their own God-given unique style to examples of works by famous artists like Rembrandt and Modigliani, and be encouraged to see art through God's perspective.

**Physical Education** – The program is designed to emphasize lifetime health & fitness, as well as continue to develop individual and team sport skills. Students will be tested to determine fitness level throughout the year. Sixth graders that do not participate in a middle school team sport will be introduced to various team sports such as softball, soccer, basketball, volleyball, hockey, and a variety of other team sports. These students will learn the fundamentals of each sport and have the ability to build their skills in each. The sixth grade students that do participate in middle school team sports will go to their team practice during their PE time.

**Technology Integration** – Students will continue to build upon their skills in Word, Excel, and Publisher. They will also learn how to create more complex Power Points and expand their usage of coding languages. The goal for sixth graders is to be prepared for the middle school computer courses which will continue to expand their abilities and skills. Students will create various products to represent the programs they are working through. Students will also discuss the importance of Godly digital citizenship, and the proper use of technology.

**Christian Student Leadership Council (CSLC)** – Sixth grade students who go through the selection process have the opportunity to participate and serve in this group which serves the school and community. The students meet with their sponsors bi-weekly to continue to develop their leadership skills. They have a devotional time, hear from different leaders in the community, and coordinate various projects. The CSLC participates in community outreach and helps to lead weekly lower school chapel. The application process for membership is done in the fall.