

North Cobb Christian School

SECOND GRADE

2nd CURRICULUM

BIBLE

Second-grade students study the life of Moses, beginning with Moses' early years and God's plan for his life, his obedience through the plagues, his leadership during the wilderness, and even his weaknesses, which all point to God's faithfulness to love, provide for, and bring salvation to His children. Students also review and retell the birth, death, burial, and resurrection of Jesus and learn to locate and look up verses in the Bible. Weekly Scripture memorization focuses on Bible verses that correlate with the NCCS core values of love, integrity, responsibility, respect and service.

MATH

Illustrative Mathematics for 2nd grade continues to build on the foundational math concepts introduced in 1st grade while also introducing new topics and skills. Here's a description of what you might find in an Illustrative Mathematics curriculum for 2nd grade:

Number Sense: Students deepen their understanding of place value, including numbers up to 1,000. They work on counting by 1s, 2s, 5s, and 10s, as well as understanding the patterns in the number system. Activities may include number charts, number lines, and skip counting.

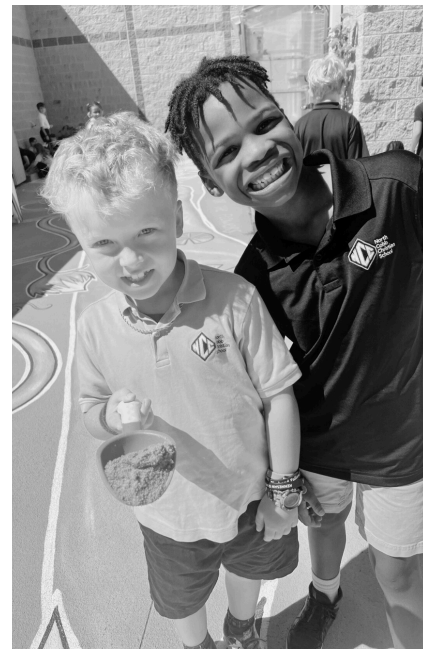
Operations: Addition and subtraction skills are further developed, including strategies for adding and subtracting within 100. Students learn about regrouping (borrowing and carrying) and practice solving word problems involving addition and subtraction.

Geometry: Students explore more complex geometric shapes and concepts, including lines, angles, symmetry, and partitioning shapes into equal parts. They also begin to understand the concept of area and perimeter using non-standard and standard units.

Measurement: Measurement concepts expand to include length, weight, capacity, time, and money in greater depth. Students learn to use rulers, scales, measuring cups, clocks, and coins to measure and compare objects and quantities.

Data Analysis: Students continue to work on data collection, organization, and representation. They create and interpret picture graphs, bar graphs, and tally charts to display information and draw conclusions based on the data.

Fractions: Basic concepts of fractions are introduced, focusing on halves, thirds, and fourths. Students learn to recognize and represent fractions using shapes, number lines, and symbols.





Problem-Solving: Problem-solving tasks become more complex, requiring students to use multiple steps and strategies to solve problems. They learn to identify relevant information, plan a solution, and check their work for accuracy.

Mathematical Practices: Students continue to engage in mathematical practices such as making sense of problems and persevering in solving them, reasoning abstractly and quantitatively, constructing viable arguments, and using appropriate tools strategically.

Illustrative Mathematics for 2nd grade emphasizes hands-on exploration, critical thinking, and problem-solving skills. It aims to help students develop a deeper understanding of mathematical concepts and build a solid foundation for future math learning.

PHONICS & READING

Second-grade students continue phonics instruction with a focus on fluency and a goal of automaticity in reading. Sequencing, character, main idea, summarization and other key story elements are underscored by the Foundations & Frameworks curriculum. Modeling of these comprehension strategies occurs through teacher read-alouds of quality literature, while guided practice allows opportunities to model the use of visual tools to organize and analyze information. Explorations of authentic literature and the application of visual tools in students' Primary SPECS Logs provide a firm foundation of comprehension strategies. Students meet in teacher-moderated small groups to share and expand their thinking of SPECS graphic organizers. Vocabulary instruction includes word knowledge, sentence usage, word work and student visualizations in SPECS Logs. Intellectual Art is utilized as a review tool prior to assessments. Additionally, second grade utilizes the Orton-Gillingham approach for phonics instruction. This method systematically breaks down reading and spelling into smaller, sequential skills focusing on letters and sounds, with instruction being explicit, direct, sequential, and multi-sensory.



PENMANSHIP

The first trimester of school is dedicated to the practice of correct alignment, slant, size, shape and spacing of printed letters. During the remainder of the year, students learn cursive handwriting, including forming each letter and correctly joining cursive letters.

SPELLING

Students learn essential words, which are grouped weekly by phonetic sounds, to reinforce phonics concepts. Using vocabulary in sentences for comprehension is also emphasized.

SCIENCE

Students learn to investigate, observe and think about God's world through a biblical worldview. Students are given the opportunity to explore new content, conduct experiments and complete exciting hands-on projects during unit studies of plants, mammals, reptiles, amphibians, habitats, weather and simple machines. STEAM projects and days are integrated throughout the year to model critical thinking across Science, Technology, Engineering, Art and Math.

SOCIAL STUDIES

History, geography, government and economic strands are taught from a biblical worldview with a focus on the state of Georgia. The history strand introduces important historical figures in Georgia and their impact on the state. The geography strand covers the geographic regions and rivers of Georgia. State and local governments and the roles of each leader are emphasized. Students also learn to recognize state symbols and to identify the natural resources found in Georgia that enable positive economic industry.



WRITING & GRAMMAR

Students learn grammar and mechanics with application through authentic student writing.

Students are first taught related mechanics skills, such as capitalization, punctuation, complete thoughts versus fragments, types of sentences, comma usage, parts of speech, subject-verb agreement, contractions, etc. Students apply grammar to their writing across genres: personal narrative with a problem and solution, friendly letter, how-to writing, informative and expository writing.

2ND GRADE SPECIALS

ART | WEEKLY

Students reach higher levels of creative, critical and problem-solving skills by creating artworks to express individual ideas and experiences, as well as common subjects and themes. Curriculum introduces and reviews the elements of art and encourages students to identify them in works of art and in God's creation. Students continue to develop an understanding of color mixing and color families (including primary, secondary, warm, and cool). Students grow in application of various media, techniques, and processes of two-dimensional and three-dimensional works of art, including drawing, painting, weaving, embroidery, printmaking, ceramics and sculpture while using tools and materials in a safe and appropriate manner. A look at various cultures and master artists is also incorporated.



MUSIC | WEEKLY

Students develop their understanding of melody, including solfège and note naming on the treble clef staff. They learn to play 2-3 note melody patterns on classroom instruments and add a half note to their rhythmic repertoire. They continue to work on improvising utilizing rhythmic and melodic skills. Students begin identifying orchestral instruments by name and describe music using appropriate musical vocabulary. Singing and performance skills are developed through Grandparents Day, Christmas and Spring Programs. Students learn that music is a gift that they can use to worship God.



P.E. | WEEKLY

Physical Education emphasizes continued motor and movement skill development, and the development of an appreciation for participation in physical activity while fostering habits of lifetime wellness and inclusive social skills. Through individual, dual and group participation in physical activities, students increase understanding of the interrelationship of physical, spiritual, emotional and social well-being. They also set and achieve goals in personal, cooperative and competitive activities. Students gain leadership skills through positive attitudes and promoting peaceful conflict resolution.



SPANISH | WEEKLY

Students are able to demonstrate comprehension of basic vocabulary words and learn to pray in Spanish, as well as appreciation for elements of Hispanic culture. Through active participation in classroom experiences, students respond to greetings, being able to count, identify some body parts, and recognize and label some school supplies.

TECHNOLOGY + STEAM | WEEKLY

Students expand upon digital citizenship, basic programming, basic keyboarding, vocabulary, 3D design, robotics, and web searches. The foundations for peer-to-teacher and peer-to-peer collaborative skills are reinforced with Google Classroom. Students engage in computer exercises that strengthen cognitive reasoning skills while exploring graphic arts, word processing, spreadsheets, slideshows and data collection through Google Workspace for Education. STEAM projects and collaborations are regularly integrated into Technology class. We celebrate each student's unique personality and gifts through Science, Technology, Engineering, Arts, and Math that stretch them artistically, academically, and cognitively.

READING ROOM | WEEKLY

Students experience a read-aloud of an ongoing chapter book or a children's book that supports chapel themes, seasonal topics, or learning objectives. They also have the opportunity to select and check out two books to take home with them for the week.

