

SECOND GRADE – Schaumburg Christian School

ARITHMETIC

- Number recognition, counting, and writing 1-10,000 and beyond
- Numbers greatest and least 1-1,000
- Counting and writing to hundred thousands
- Ordinal numbers
- Addition facts through 18, column addition, four-digit addition with carrying
- Subtraction facts through 18, four-digit subtraction with borrowing
- Multiplication facts 0-12
- Division facts 1-10
- Story problems and problem solving
- Multiple combinations
- Rounding to tens and hundreds
- Numbers before and after by ones, twos, threes, fours, fives, and tens
- Telling time to the nearest minute
- English and some metric measures
- Drawing and measuring lines to one-half and one-quarter inch
- Developing listening skills
- Calendars
- Place value to thousands
- Unit fractions
- Reading a thermometer (Celsius and Fahrenheit)
- Reading pictographs, bar graphs, and line graphs
- Estimating, renaming, factors of numbers, squares of numbers, square roots, and Roman numerals
- Introduction to long division
- Positive and negative numbers
- Coordinate planes
- Counting money, writing money using cent, dollar and decimals; select coins for a given amount, make change, and learn the correct way to write checks
- Recognize polygons; congruent line segments, horizontal, vertical, oblique, parallel, and perpendicular lines; right, acute, and obtuse angles

BIBLE

- Reality: What is the most important thing in the world? God is most important, but people want to live based on what they want, not based on what God wants. We need the Bible to tell us about what God is like and what He wants us to do.
- Purpose: Why am I here? I am here to glorify God by thanking Him, praising Him, and obeying Him. God helps us glorify Him by giving us the Bible, the Holy Spirit, our pastor, and our parents.
- Identity: Who am I? I am made in God's own image. God made all of us to be like Him and to belong to Him. God uses the Bible to help us be more like Him.
- Evil: What is wrong with the world? God made the world perfect, but Adam disobeyed God and ruined God's perfect creation.
- Redemption: What will fix the world? God sent His own Son, Jesus, to die for us. Jesus rose from the dead so we can live with Him forever. When Jesus comes back, He will fix the world for good.
- Morality: What makes something right or wrong? God's commands. Like Him, His commands are: good, just, and holy. We need the Bible to tell us God's commands. We would not know what is right or wrong without the Bible.
- Each week we memorize a Bible verse.
- Chapel - weekly

COMMUNITY AND GOVERNMENT

Students develop a biblical worldview on the topics of Citizenship, Government, Economics, Geography, and Culture. God made us to live in communities where we enjoy rights and fulfill responsibilities. God gave us governments to ensure justice in society. Governments uphold justice by protecting people's rights and making sure they carry out their responsibilities. God intended for us to meet each other's needs and wants through producing goods, providing services, and exchanging money. God created the earth to bring Himself glory. We care for the earth by creating technology, developing communities, and forming governments. Culture is part of God's good creation. Each culture has its own core values. Freedom, equality, individualism, and growth are

COMMUNITY AND GOVERNMENT

(Continued)

core values of American culture. During the year, projects will include creating a family tree, creating a landform map, and completing a Culture Research project. We also have a Celebration of Cultures Day where we celebrate the different cultures in our classroom.

SCIENCE

Students will:

- Analyze the changes and motion of matter
- Analyze the structure of the earth and the importance of the earth's natural resources
- Explain how living things depend on the earth's natural resources
- Analyze structures and functions of living things
- Apply science knowledge through modeling, active participation, and relevant discussions
- Apply foundational science inquiry skills to develop orderly approaches to problem solving
- Defend a biblical view of the history of nature
- Apply the Bible's teaching to Science concepts during the year we will incorporate STEM projects, celebrate Fossil Day, and complete a Conservation Project.

COMPUTER

One-hour class every other week includes lessons in which students will further their STEM-related skills with an emphasis on computer technology.

Students each have their own account, with which they will practice using login credentials and learn the basics of creating, saving, and retrieving files. Students will use foundational programming concepts with Scratch to create small programs, and will practice image and text editing concepts. They will use a variety of interactive, hands-on projects to practice measurement, engineering, and the scientific method.

ART

One-hour class every other week with themes associated with artistic, academic units and seasonal-related projects. The purpose of the class is to have fun and experience different mediums such as drawing, painting, crafts, sculptures, and woodworking.

LANGUAGE ARTS

- Review of vowels, consonants, blends, one and two-vowel words, consonant blends, and syllables
- Recognition of use of all phonics special sounds in reading
- Spelling rules: doubling consonants, dropping silent *e*, changing *y* to *i*
- Oral reading
- Focus on accuracy, expression, and smoothness
- Increase reading comprehension
- Develop a love for reading by reading through several books
- Increase vocabulary
- Review of pre-cursive letter formation
- Learn capital and small cursive letters and how they connect
- Practice ABC order and sentence structure
- Weekly phonics-based word list of approximately 20 words
- Weekly test
- Reinforcement activities
- Learn and practice alphabetizing and dictionary skills
- Journal entries
- Introduction to nouns, verbs, and adjectives
- Capitalization of first word in a sentence, days of the week, months of the year, holidays, people, places, and the word "I"
- Use of correct punctuation at the end of sentences
- Words using suffixes, prefixes, abbreviations, compound words, rhyming words, opposite words, synonyms, singular and plural words, singular possessive words, and contractions
- Reference skills (library, dictionary, thesaurus, glossary, listening skills)
- Word usage rules
- Writing of complete sentences, questions, exclamations, telling commands
- Writing a friendly letter, a personal story, poetry, instructions paragraph, and opinion paragraph
- Book report activities

FOREIGN LANGUAGE

Spanish

An overview of elementary Spanish with vocabulary and basic grammar as well as some practice with usage and reading; encourages an awareness of the Hispanic community and introduces students to fundamental concepts of learning Spanish as a second language

PHYSICAL EDUCATION

Students participate in two, weekly, thirty-minute periods using games to develop motor skills, agility, and increase awareness in following directions.

MUSIC

Two, thirty-minute periods weekly; learn to match pitch in singing through daily assessment; learn to recognize music moving by steps, skips, or staying the same; identify space and lines notes on the Treble Clef staff; Identify Coda and first and second endings; sing and sign the solfege syllables do, re, mi, sol, and la; notate, identify, and perform quarter notes, eighth notes, quarter rests, repeat signs, half notes, and half rests; determine 2/4, 3/4, and 4/4 meters; express dynamic markings; distinguish sectional forms: AB, ABA, Rondo; perform in class using a variety of classroom instruments; recognize various instruments by sight and sound, especially in the piece *Peter and the Wolf*; learn about jazz music and improvise; study the opera *The Barber of Seville* and compose an original scene in a group; listen, describe, and move to music by the composers Mozart, Handel, Vivaldi, Haydn, Tchaikovsky, Brahms, Beethoven, Bach, Grieg, Stravinsky, and Saint-Saens perform in the annual 1st and 2nd grade program featuring a variety of songs, poems, and instruments