

## **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**

- The need of salvation and learning Christ likeness in the children's lives
- Locate verses in the Bible
- Bible verse memorization
- Connect Bible events with historical events
- Chapel - weekly

### **HISTORY AND GEOGRAPHY**

US history is covered from the early explorers and Native Americans to the colonies and the Revolutionary War. Activities such as creating a travel map, special culture day with clothing, balloon globe, and voting are included in the curriculum.

### **SCIENCE**

Promote scientific literacy through the study of history, science process skills, movement, and makeup of the earth, bones, plants, muscles, motion, light, life, fossils, natural resources, and matter. Projects include a living things project, group project, magnets, changing solids, and Biome activities – observing light and model of the earth.

### **STEM / COMPUTER**

One 60 minute bi-weekly lesson 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 log in 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, same-meaning words, 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 them 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 1<sup>st</sup> and 2<sup>nd</sup> grade program featuring a variety of songs, poems, and instruments