



SCOTTSDALE CHRISTIAN ACADEMY

School Curriculum

The Pre-Kindergarten program is a fun, positive year in the life of a four or five-year-old child. SCA offers a three-day and five-day Pre-Kindergarten program for students who will be at least four years old by September 1 of the current school year. The all-day class meets from 8:15 am-2:50 pm. The half-day class meets in the morning from 8:15-11:30 am.

During your child's time at SCA, he/she will have many opportunities not only in the classroom to develop socially, academically and spiritually but also through Specials. Specials is a time where your child will go to PE and Library once a week.* Special subject teachers help enforce what is taught in the classroom and provide foundational skills for each child. Each child will be involved in physical activities which include large and small muscle development as well as vestibular activities, coordination exercises, motion and movement games, and guided free time on the playground. Activities that enforce crossing the midline are implemented in our everyday routine and schedule. Your child will have many opportunities to grow spiritually by participating in Bible Buddies and our Pre-Kindergarten Chapel twice a month. Our Pre-Kindergarten mission is to maximize the God-given potential of each student, preparing them to live lives of distinction, by impacting the world for Jesus Christ.

› Bible

Using the Purposeful Design Curriculum, your pre-kindergartner will learn different Bible truths each week. During Bible, each student will be involved in prayer and praise, will memorize and recite memory verses, discover Bible stories with puppets, puzzles, felt stories and art. Our goal at SCA is for every pre-kindergartner to develop a Christian worldview that will lead and guide them to the understanding that our purpose in life is to love and serve God.

› Reading/Writing

Our program focuses on helping your pre-kindergartner develop and build a strong foundation for early literacy skills. During the school year, your child will be involved in many activities that will help foster and develop pre-reading and pre-writing skills. Once a week, students meet with the Librarian who reinforces PK themes through stories, songs and finger-plays. In addition, your pre-kindergartner will learn letter formation through the Spalding Curriculum. Your pre-kindergartner will also explore different learning centers throughout the day that will help build on language and literacy development.

› Math

During math, your pre-kindergartner will be introduced to math concepts such as counting, number recognition, shapes, patterns, subitizing, measurement, spatial reasoning and will be able to explore addition and subtraction. Your pre-kindergartner will learn these concepts through teacher guided activities and student-led learning centers. At SCA our goal is for every child to see God incorporated into our math program and to be able to cling on to Him for guidance and strength for a strong foundation in his/her future learning and understanding in math.

› Science

In Science, students will learn about physical science and life science by exploring God's creation through hands-on experiments, science centers and teacher-led learning activities. Our goal is for every child to know that every living and breathing thing has a purpose that has been designed by our Heavenly Father.

› Social Studies

During social studies, your pre-kindergartner will be introduced to 10 units that will help him/her explore family, friendships, community, safety, health, emotions and geography. Your pre-kindergartner will be able to discover these subject areas through story time, Bible time, hands-on activities, cooking, and ministry outreaches. Strong emphasis is also placed on the parent-teacher relationship working together to make the year as exciting and challenging as possible for your child.

Parent Involvement

The opportunity for parent participation will help the bonding between parent, child, and teacher. SCA's family atmosphere is very evident in our Pre-kindergarten program. There are special events where extra parent involvement is needed. The various needs will be communicated throughout the year in newsletters. Every family will be given the opportunity to participate in activities during the year. Teamwork will ensure a successful Pre-kindergarten adventure!

SCA Eagle Aftercare

After-school care is available from 3:00-5:30 pm at an hourly rate. After-school care for Grades PK-5 is located in room 1206. To reach after-school care, please call 480.662.8178.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Bible

The ACSI Purposeful Design Bible curriculum is used daily in kindergarten and focuses on familiar children's stories of the Bible from the Old and New Testaments. These stories provide a foundation for living with an emphasis on God's care for us. They address life issues such as being obedient, being honest, sharing with others, getting along with others, taking turns, being unselfish, and telling the truth. Students are encouraged to have a heart for world missions by learning about people and their customs throughout the world. Students attend chapel, learn memory verses, sing praises and spend time in prayer. Our goal is to show our students that the truths of the Bible are real and practical to help them learn of Jesus Christ and His love for us.

› Language Arts

In Kindergarten the Spalding method of instruction is used. Spalding's Writing Road to Reading, a total language arts program, integrates essential research-based components, an educational philosophy, and a methodology consisting of timetested principals of learning and instruction. The program encompasses phonemic awareness, systematic phonics with handwriting, pronunciation, spelling, and language rules, high frequency vocabulary instruction and syllabication. In the area of reading, literary appreciation, text structure, listening and reading comprehension strategies are taught. Most children will learn to read in kindergarten. All children will learn that reading is exciting and related to what they and others think, speak and write.

› Social Studies

Kindergarten students use the textbook Our World, Now and Long Ago. Units of study include: Being a Good Citizen, My Country, Workers, Where We Live, Time Goes By, and Stories of the Past. Harcourt Social Studies is a comprehensive K-5 curriculum designed to engage and motivate every student. Through the stories of the intriguing people, exciting places, and fascinating events that make social studies relevant to their lives, students gain a global perspective. They also learn the social studies themes and skills they need to become informed, participating students, use critical thinking skills, and be active in their communities.

› Math

enVision Math 2.0 (Pearson) is a comprehensive mathematics curriculum for Grades K-5. It is organized to develop mathematical content connections with built-in connections across lessons, across topics, across strands, and across grades. When students connect ideas, they deepen their understanding. enVision 2.0 is organized into clusters of connected topics and lessons. Students learn to see relationships, ask questions, and try different approaches. Since the goal and promise of enVision Math 2.0 is to develop understanding, the math practices are infused in all aspects of the program. enVision Math 2.0 grows from the organization of the program and the core instructional model used daily. However, there are many other elements that contribute to making enVision Math 2.0 a high-quality curriculum. Throughout the program, students at every grade level will make sense of problems and persevere in solving them. enVision Math 2.0 provides a wide variety of differentiation resources and strategies. Tiered activities, learning centers, flexible grouping, and technology help accommodate learning styles and readiness. enVision Math 2.0 also allows students and parents to access online tools from the math curriculum. This online suite allows students and parents access to lessons, practice, videos, and assessments.

› Handwriting

Spalding Handwriting is integrated into the Kindergarten program. Proper form, size, and neatness are emphasized with handwriting practice sheets.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› **Library Time**

Students in Kindergarten visit the Library once a week. Students check out books and learn how to care for them. Literature is integrated with classroom curriculum and topics to help foster a love of reading.

› **Science**

Our Scott Foresman science program is based on exploration and discovery. Much of kindergarten science involves learning about living things. Children observe plant and animal growth. They also learn about habitats, seasons, textures, sounds, tastes, color mixing, magnets, weather and insects.

› **Art and Music**

Art and music classes are vital parts of the kindergarten curriculum. Art class is held once per week and includes easel and table painting, craft projects, working with clay, print art and finger painting. These activities are creative outlets for students and also develop small muscle control, listening skills and good work habits. In the classroom, students sing and enjoy music each day. Kindergarten students also attend music classes twice per week.

› **Spanish**

Students in kindergarten go to Spanish class once a week. Students will be able to: understand and orally count from 1-10, identify colors, use and respond to greetings and leave-takings with the appropriate response, sing a short and simple song, use courtesy phrases, and respond to simple commands given by the teacher.

› **Technology**

Students in kindergarten go to technology class once per week. Our technology program focuses on higher order skills and curriculum integration with the classroom topics and activities. Computers are used to reinforce the curriculum and provide both guided and independent practice. Student objectives are based on the Arizona Technology Standards and SCA Technology goals.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Bible

Students use the Purposeful Design Bible series to build a solid foundation of Biblical principals. God's creation, promises, people, Son, guidance, rules, care, strength, and how He speaks through His Word. They experience the knowledge of Jesus Christ and His saving grace during Bible lessons and activities. Students attend chapel once a week.

› Language Arts

READING

The Spalding Road to Reading program integrates four essential elements: comprehensive spelling, writing, phonetic, and reading curricula. Students will also experience reading many A Beka Readers and some Open Court material for a well-rounded and exciting time of reading. Students also participate in the Accelerated Reader (AR) program. This program allows students to read at their independent reading levels and take quizzes over these books. The goals of the AR Program are to create a love of reading and increase reading comprehension skills.

SPELLING

The Spalding method starts with the children's oral language, explicitly and systematically teaches the letters and letter combinations (phonograms) that represent speech sounds, and then uses the phonograms to say, write and read high-frequency words.

GRAMMAR

Students will be taught Shurley English, Level 1—a sequentially oriented curriculum using jingles, rhythm, repetition and active student/teacher interaction. Sentence structure, parts of speech, paragraph composition, written and oral expression, editing and reference skills are all taught during the first grade year.

LITERATURE

An important element of reading is developing a love of books. In 1st grade, we do several literature studies using well-known authors. We introduce our students to the world of literature through Caldecott winners, Newbury winners, fairy tales, poetry and more. Through these studies we integrate creative writing activities, grammar lessons, illustration practice and story mapping skills.

WRITING

Scottsdale Christian Academy is committed to excellent writing. Children will be learning the Six Traits writing model which has been adopted as a foundational approach to writing instruction and assessment. It provides a language and structure that focuses on the craft skills that are the basis of effective writing. First grade teachers provide creative and developmentally appropriate activities to keep students engaged and excited about writing. Connections are clearly and continuously made among reading, writing, speaking and creative artwork and support a thematic, integrated approach to writing activities. First grade young authors publish a hardback book as a keepsake of their delightful 1st grade writings!

HANDWRITING

Spalding Handwriting integrates precise handwriting techniques with sound-symbol relationships as a multi-sensory bridge between essential phonics skills and their practical application for writing and reading.

PUBLIC SPEAKING

Scottsdale Christian Academy believes in building students' confidence and communication skills early in their education by providing numerous public speaking opportunities. Students from K-5th grade are given classroom oral reports several times a year, with the additional possibility to publicly address the entire elementary student body in Chapel. With the new global, technologically advanced society surrounding our youth today, SCA believes it is imperative, more than ever, to provide a foundation and enable students to cultivate public speaking at a young age. Expressing thoughts and ideas still remains the cornerstone in any profession or relationship. Development of public communication skills early in life allows students to position themselves for optimal success.

› Music

Students in 1st grade music attend music class twice per week. SCA's music program focuses on creating a love and awareness of music in daily life. Children are encouraged to have a heart for worship and glorifying God, while learning rhythms and vocal pitches through dance and games. Student objectives are based on National Music Standards and SCA values.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› **Math**

enVision Math 2.0 (Pearson) is a comprehensive mathematics curriculum for Grades K-5. It is organized to develop mathematical content connections with built-in connections across lessons, across topics, across strands, and across grades. When students connect ideas, they deepen their understanding. enVision 2.0 is organized into clusters of connected topics and lessons. Students learn to see relationships, ask questions, and try different approaches. Since the goal and promise of enVision Math 2.0 is to develop understanding, the math practices are infused in all aspects of the program. Finally, enVision Math 2.0 grows from the organization of the program and the core instructional model used daily. However, there are many other elements that contribute to making enVision Math 2.0 a high-quality curriculum. Throughout the program, students at every grade level will make sense of problems and persevere in solving them. enVision Math 2.0 provides a wide variety of differentiation resources and strategies. Tiered activities, learning centers, flexible grouping, and technology help accommodate learning styles and readiness. enVision Math 2.0 also allows students and parents to access online tools from the math curriculum. This online suite allows students and parents access to lessons, practice, videos, and assessments.

› **Science**

Students use the Purposeful Design Science Series which weaves together the wonders of the created world and a Biblical worldview. The National Science Education Standards specify content requirements for each grade which are fully met in this series. Additionally, students gain proficiency in using the scientific method and a variety of technical resources to conduct scientific investigations. Students in First Grade will study: Life Science (Animals: Mammals, Fish, Birds, Insects) and (Human Body: Teeth, Bones and Muscles, Heart and Blood, Lungs and Air, Stomach and Food), Physical Science (Movement and Machines), and Earth and Space Science (Seasons and Space).

› **Social Studies**

First grade students use the textbook *A Child's View* by Harcourt. Units of study include: Rules and Laws, Where People Live, We Love Our Country, Our Changing World, Meeting People, and The Marketplace. Harcourt Social Studies is a comprehensive K-5 curriculum designed to engage and motivate every student. Through the stories of the intriguing people, exciting places, and fascinating events that make social studies relevant to their lives, students gain a global perspective. They also learn the

social studies themes and skills they need to become informed, participating students, use critical thinking skills, and be active in their communities.

› **Technology**

Students in 1st grade attend technology class once a week. The technology program focuses on higher order skills and curriculum integration with classroom topics and activities. Computers are used to reinforce the curriculum and provide both guided and independent practice. Student objectives are based on the Arizona Technology Standards and SCA technology goals.

› **Spanish**

Students in 1st grade go to Spanish class once per week. Students will be able to: respond to simple commands given by the teacher, understand the numbers from 1-20, understand when being complimented, identify foods when given a visual cue, identify colors, identify animals, initiate and respond to greetings and leave takings, answer the question "¿Cómo estás?", answer the question ¿Cuántos años tienes?", sing a song or recite a poem, use courtesy phrases, and recognize that words are borrowed from one language to another.



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› Art

Students in 1st grade attend art class once per week. They begin the year by learning about the color wheel, primary, secondary and complimentary colors. They are introduced to some of the elements of art – line, texture, form and shape. They work on developing the fine motor skills through step-by-step guidance on how to draw. Drawing is broken down into shapes to help them simplify the use of line. They receive instruction on how to correctly use supplies, how to correctly hold the different mediums for maximum effectiveness and how to clean up and maintain the materials. Art Masterpiece is also offered to elementary students. It is a national art enrichment project that uses reproductions of fine works of art to promote art literacy in children. Parent volunteers bring the prints to the classroom and present a lesson planned for 1st grade. Art Masterpiece lessons are taught approximately six times per school year. They usually consist of a “hands-on” project. The purpose of the lesson is to increase the child’s awareness of art. As this occurs, students are able to recognize more of the art that they encounter in their world every day.

› Research Skills

Students in 1st grade visit the library once per week for research skills class. Research skills classes focus on using grade specific critical thinking skills to discover facts and information through the use of online and bound reference materials and library resources. Research is integrated with classroom curriculum and topics. Critical thinking skills are also developed via genre and author studies.

› Innovation & Creation Hub

Each elementary homeroom class visits the Innovation and Creation HUB once a week. Students focus on STEAM learning (Science, Technology, Engineering, Arts, and Mathematics). Students are provided with hands-on learning with activities centered around the problem-solving method of Ask, Discuss, Design, Create, Test and Revise. Activities are determined by the curricular units being studied in homeroom classes and are designed for age appropriate learning. Students are encouraged to take risks whether it is designing a Moon Lander, coding a robot to engage in a specific task, or designing a piece to be 3D printed. In the HUB students embrace the four C’s: Critical Thinking, Creativity, Collaboration, and Communication. These four C’s are crucial to fostering innovators and leaders of the 21st century.

› Physical Education

1st grade students attend PE class twice per week. They learn the basics of manipulative, loco motor, and non-loco motor movement. Some of the topics covered are:

- The concept of dodging and fleeing
- Introduction to fitness skills
- Cooperation, teamwork, and encouragement
- Large muscle movement and body control
- Balance
- Spatial awareness
- Rhythm
- Safety inside of activities
- Following Rules and Procedures
- Organization
- Listening skills
- Difference between pathways, levels, and speeds
- All basic skills needed to succeed in activities & sports

› Field Trips and Special Activities

- Build-a-Bear (donated to children in need)
- Butterfly Wonderland
- Family-friendly theater performance
- Baseball Day
- Johnny Appleseed Celebration
- Grandparents’ Day
- Space Extravaganza
- Amelia Bedelia Day
- Celebration of Clifford the Big Red Dog



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› Bible

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› Language Arts

READING & LITERATURE

Imagine It!, published by Open Court, is a comprehensive reading program. Textbook Readers correlate to each theme and provide practice for building fluency, story structure, story elements and comprehension strategies. Children also have small group and individualized instruction for the purpose of addressing specific needs and abilities. Through small group, individualized reading instruction, and with the literature found in the Textbook Reader, students are exposed to a wide genre of literature. Students read fiction, nonfiction and learn about mysteries, fables, fairy tales, poetry, etc. They participate in class directed literature studies and take part in numerous book reports throughout the year. These studies offer children public speaking opportunities at an early age and help develop a love for reading. Students are required to participate weekly in an Accelerated Reading (AR) program. This program has students reading books at their independent reading levels and taking periodic quizzes over these books. The goals of the AR program are to create a love of reading and increase reading comprehension skills.

GRAMMAR

Students will be using Shurley English, Level 2—a sequentially oriented curriculum using jingles, rhythm, repetition and active student/teacher interaction. Sentence structure, parts of speech, paragraph composition, written and oral expression, editing and reference skills are all taught during the second grade year.

HANDWRITING

Students in 2nd grade utilize the Learning Without Tears program. They review manuscript writing.

SPELLING & PHONICS

Spalding's Writing Road to Reading, a total language arts program, integrates essential research-based components, an educational philosophy, and a methodology consisting of time-tested principles of learning and instruction. The Spalding Method is explicit, sequential, multisensory, and diagnostic. Students learn the purpose for every task and are active participants throughout Spalding lessons. Daily observations and assessments enable teachers to tailor instruction to meet each child's individual needs: English Language Learners of all ages, Special Needs Students and Gifted. Thus, differentiated instruction is embedded in The Spalding Method. Spalding teachers believe that students' physical and mental well-being is a primary concern and that all children can learn.

WRITING

Scottsdale Christian Academy has made a commitment to develop students who are skilled in communicating with written language. Students will be taught the Six Traits Writing model, which is simply a way to teach and assess writing while focusing on six qualities evident in outstanding written work. These six qualities are Ideas, Organization, Voice, Word Choice, Sentence Fluency and Conventions. Instruction will also be given in the writing process which involves brainstorming/pre-writing, drafting, revision, editing and the final step, "publishing" (illustrating, etc.) the final product. By using spelling, language, and the Six Traits Writing model curriculums, students will be better able to utilize their God-given talents in various written masterpieces. All students will have a writing portfolio that contains their writing projects throughout second grade.

PUBLIC SPEAKING

Scottsdale Christian Academy believes in building student confidence and communication skills early in their education by providing students numerous public speaking opportunities. Students from K-5th grade are given classroom oral reports several times a year with the additional possibility to publicly address the entire elementary student body in Chapel. With the new global, technologically advanced society surrounding our youth today, SCA believes it is imperative, more than ever, to provide a foundation and enable students to cultivate public speaking at a young age. Expressing thoughts and ideas still remains the cornerstone in any profession or relationship. Development of public communication skills early in life allows students to position themselves for optimal success.



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› Technology

Students in 2nd grade attend technology class once a week. The technology program focuses on higher order skills and curriculum integration with classroom topics and activities. Computers are used to reinforce the curriculum and provide both guided and independent practice. Student objectives are based on the Arizona Technology Standards and SCA technology goals.

› Science

Students use the Purposeful Design Science Series which weaves together the wonders of the created world and a Biblical worldview. The National Science Education Standards specify content requirements for each grade which are fully met in this series. Additionally, students gain proficiency in using the scientific method and a variety of technical resources to conduct scientific investigations. Students in Second Grade will study: Life Science (Plants, Vertebrates, Invertebrates, Habitats), Physical Science (Energy, Light, Heat), Human Body (Sound and Hearing, Sight and Touch, Taste and Smell), and Earth Science (Weather, Ocean).

› Social Studies

Second Grade students use the textbook *People We Know* by Harcourt. Units of study include: *Governing the People*, *The World around Us*, *Using Our Resources*, *People Long Ago*, *A World of Many People*, and *People in the Marketplace*. Harcourt Social Studies is a comprehensive K-5 curriculum designed to engage and motivate every student. Through the stories of the intriguing people, exciting places, and fascinating events that make social studies relevant to their lives, students gain a global perspective. They also learn the social studies themes and skills they need to become informed, participating students, use critical thinking skills, and be active in their communities.

› Music

Students in 2nd grade attend music class twice per week. SCA's music program focuses on creating a love and awareness of music in daily life. Children are encouraged to have a heart for worship and glorifying God, while learning rhythms and vocal pitches through dance and games. Student objectives are based on both National Music Standards and SCA values.

› Spanish

Students in 2nd grade attend Spanish class once per week. Students will be able to: respond to simple commands, understand the numbers, from 1-20, understand the days of the week, understand the time of day phrases, identify colors, greet someone and ask how they are, ask someone their name, tell someone what their own name is, express like or dislike for things, sing a short and simple song, use and respond to hello and goodbye, use and respond to please and thank you.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Art

Students in 2nd grade go to art class once per week. They begin using more intricate tools and materials to help the development of their fine motor skills. They learn to develop patterns, build on line, and create form, shape and texture. They compare objects for size relationships, and they observe design patterns in natural organisms such as fish and leaves. They continue their study of master artists. Students work on fine tuning their cutting skills and are encouraged to add more details for a finished masterpiece. Second graders continue their study of master artists through the Art Masterpiece program. It is a national art enrichment project that uses reproductions of fine works of art to promote art literacy in children. Parent volunteers bring the prints to the classroom and present a lesson planned for 2nd grade. Art Masterpiece lessons are taught approximately six times per school year. They usually consist of a “hands on” project. The purpose of the lesson is to increase the child’s awareness of art. As this occurs, students are able to recognize more of the art that they encounter in their world every day.

› Library

Second graders strengthen their literary skills in the library every week. They learn a new vocabulary word, explore literary elements, and are introduced to new types of books. Second graders also work on improving their reading comprehension and fluency through the AR (Accelerated Reader) program. The librarians assist them in choosing books that are suited to their level, and once the students have read the book, they can take a test to measure their comprehension. As students read books, they can earn points and challenge themselves by meeting individualized point goals. Another fun aspect of AR is that students can keep track of how many words they have read. Second graders are recognized for reaching new word count levels, starting at 50,000 words going all the way up to 1 million words!

› Field Trips and Special Activities

Second grade students usually attend five to six field trips per year. Trips are designed to correspond with some unit of study that they are doing in the classroom. Sometimes, students attend a theater production so they may understand the behavior differences and clothing differences needed when attending certain functions. Second graders are taught and encouraged on how they can be God’s role models - that they are different because of Him who lives in them. Throughout the year, second grade students can be involved in special activities created by their teacher to match various units of study.

› Innovation & Creation Hub

Each elementary homeroom class visits the Innovation and Creation HUB once a week. Students focus on STEAM learning (Science, Technology, Engineering, Arts, and Mathematics). Students are provided with hands-on learning with activities centered around the problem-solving method of Ask, Discuss, Design, Create, Test and Revise. Activities are determined by the curricular units being studied in homeroom classes and are designed for age appropriate learning. Students are encouraged to take risks whether it is designing a Moon Lander, coding a robot to engage in a specific task, or designing a piece to be 3D printed. In the HUB students embrace the four C’s: Critical Thinking, Creativity, Collaboration, and Communication. These four C’s are crucial to fostering innovators and leaders of the 21st century.

› Physical Education

Second grade students attend PE class twice per week. They learn the basics of manipulative, loco motor, and non-loco motor movement. Some of the topics covered are:

- Increasing dodging and fleeing skills inside of higher competition
- Cooperation, teamwork, and encouragement
- Large muscle movement and body control
- Balance and Rhythm
- Spatial awareness
- Safety inside of activities
- Following Rules and Procedures
- Organization, and listening skills
- Using different pathways, levels, and speeds inside of activities and sports
- Increasing skills needed to succeed in activities and sports
- Practicing successful use and incorporation of all of these skills



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Bible

Third grade uses Building on the Rock Bible Curriculum, published by Summit Ministries. Building on the Rock lays the groundwork for worldview education. This innovative Christian elementary school Bible curriculum is the first truly integrated biblical worldview and Bible survey course of its kind. Students learn to view the world through four distinct relationships with the Creator, with each other, with themselves, and with His creation.

Building on the Rock is constructed in a spiral sequence, built around twenty biblical truths found throughout Scripture. Through this framework, students begin seeing all of reality from a biblical viewpoint. They stop seeing the Bible as just a book of unique stories and start seeing Scripture as the litmus test for every idea they encounter. Students start “connecting the dots” between what they find in Scripture and how they should think and live. Engaging activities across all curriculum subjects and utilizing the Socratic Method help shape students’ spiritual formation and instill a confident faith. Students will learn to know, love and trust God’s Word.

› Language Arts

READING

Reading is the foundation upon which much of the 3rd grade curriculum rests. Third grade uses the curriculum ImagineIt!, published by Open Court. It is a comprehensive reading program. Textbook Readers correlate to each theme and provide practice for building fluency, story structure, story elements and comprehension strategies. Students are exposed to a wide genre of literature. Students read fiction, nonfiction and learn about mysteries, fables, fairy tales, poetry, etc. They participate in class directed literature studies and take part in numerous book reports throughout the year. Students also have small group and individualized instruction for the purpose of addressing specific needs and abilities. Included in this small group time is a novel study where each group reads a different leveled novel based on their abilities.

Students are also required to participate weekly in an Accelerated Reading (AR) program. This program has students reading books at their independent reading levels and taking periodic quizzes over these books. The goals of the AR program are to create a love of reading and increase reading comprehension skills.

SPELLING

Spelling is a fundamental skill in written communication. We use Spalding’s Writing Road to Reading, a total language arts program, integrating essential research-based components, an educational philosophy, and a methodology consisting of time-tested principles of learning and instruction. The Spalding Method is: Explicit, Sequential, Multisensory, and Diagnostic. Students learn the purpose for every task and are active participants throughout Spalding lessons. Daily observations and assessments enable teachers to tailor instruction to meet each child’s individual needs: English Language Learners of all ages, Special Needs Students and Gifted. Thus, differentiated instruction is embedded in The Spalding Method. Spalding teachers believe that students’ physical and mental well-being is a primary concern and that all children can learn.

LANGUAGE

The third grade classrooms will be using Patterns of Power: Inviting Young Writers into the Conventions of Language. Using this program, students will be studying the conventions authors use to communicate through various types of literature. They begin to study each new part of speech by looking at a selected sentence for meaning first, and then investigate it, discussing what they notice and wonder about.

This makes conventions and grammar accessible. Students learn what they can do with their writing, while also classifying sentences and writing their own. The whole purpose of grammar is to elevate their writing. Not only will students find that learning English is fun, they will understand that God gave us the written word not only to communicate with each other but to also follow in His way. Genesis 2:20-24

VOCABULARY

Vocabulary is integrated from our ImagineIt! Reading program, social studies, and science curriculums. Through these curriculums, vocabulary is used as a cross curricular program that increases the students’ vocabulary, improves their word usage skills and allows students to become better readers and writers.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Language Arts (continued)

WRITING

Scottsdale Christian Academy has made a commitment to develop students who are skilled in communicating with written language. Students will be taught the Six Traits Writing model, which is simply a way to teach and assess writing while focusing on six qualities evident in outstanding written work. These six qualities are Ideas, Organization, Voice, Word Choice, Sentence Fluency and Conventions. Instruction will also be given in the writing process which involves brainstorming/pre-writing, drafting, revision, editing and the final step, “publishing” (illustrating, etc.) the final product. By using spelling, language, and the Six Traits Writing model, students will be better able to utilize their God given talents in various written masterpieces. All students continue contributing to their writing portfolio which will travel with them from year to year in order to assess the growth and development of their written work over time.

HANDWRITING

Long proven to be a fundamental part of any language arts curriculum, handwriting instruction builds communication skills for a lifetime. Third grade uses *A Reason for Handwriting to develop fluency*: connecting letters to increase speed of writing improves attention span and fosters academic performance. Third graders continue to build on their introduction to cursive writing and strive for proficiency.

PUBLIC SPEAKING

Scottsdale Christian Academy believes in building student confidence and communication skills early in their education by providing students numerous public speaking opportunities. Students from K-5th grade are given classroom oral reports several times a year, with the additional possibility to publicly address the entire elementary student body in Chapel. With the new global, technologically advanced society surrounding our youth today, SCA believes it is imperative, more than ever, to provide a foundation and enable students to cultivate public speaking at a young age. Expressing thoughts and ideas still remains the cornerstone in any profession or relationship. Development of public communication skills early in life allows students to position themselves for optimal success.

LITERATURE

Research has demonstrated that children’s literature produces benefits to the development of language and, thus, literacy. Critical thinking is enhanced, as is the students’ engagement in their learning. The rich variety of children’s literature offered in 3rd grade not only stimulates language growth, and thus increases the learners’ communication skills, but is also developmentally appropriate, well-written, and appealing to the students.

› Math

enVision Math 2.0 (Pearson) is a comprehensive mathematics curriculum for Grades K-5. It is organized to develop mathematical content connections with built-in connections across lessons, across topics, across strands, and across grades. When students connect ideas, they deepen their understanding. enVision 2.0 is organized into clusters of connected topics and lessons. Students learn to see relationships, ask questions, and try different approaches. Since the goal and promise of enVision Math 2.0 is to develop understanding, the math practices are infused in all aspects of the program. Finally, enVision Math 2.0 grows from the organization of the program and the core instructional model used daily. However, there are many other elements that contribute to making enVision Math 2.0 a high-quality curriculum. Throughout the program, students at every grade level will make sense of problems and persevere in solving them. enVision Math 2.0 provides a wide variety of differentiation resources and strategies. Tiered activities, learning centers, flexible grouping, and technology help accommodate learning styles and readiness. enVision Math 2.0 also allows students and parents to access online tools from the math curriculum. This online suite allows students and parents access to lessons, practice, videos, and assessments.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Research Skills

Students in 3rd grade visit the library once per week for research skills class. Research skills classes focus on using grade specific critical thinking skills to discover facts and information through the use of online and bound reference materials and library resources. Research is integrated with classroom curriculum and topics. Critical thinking skills are also developed via genre and author studies.

› Science

Students use the Purposeful Design Science Series which weaves together the wonders of the created world and a Biblical worldview. The National Science Education Standards specify content requirements for each grade which are fully met in this series. Additionally, students gain proficiency in using the scientific method and a variety of technical resources to conduct scientific investigations. Students in Third Grade will study: Life Science (Ecosystems, Plant Life), Physical Science (Matter, Motion and Force, Electricity, Magnets), Human Body (The Musculoskeletal System, Nervous System, Health), and Earth and Space Science (Rocks and Soils, The Earth's Surface and Its Changes, Solar System, Stars and Constellations).

› Art

Students in 3rd grade attend art class once per week. They work on adding more detail to their drawing skills. They are instructed in portraiture and begin to develop a keen eye for the angles, lines and structure in the human face. They learn about the concepts of foreground, middle ground and background as they begin simple landscapes. Architectural shapes are identified and new mediums are used. They learn about 3-dimensional shapes by introducing sculpture of the human form. They continue this study in order to learn about proportion and movement. More responsibility is handed over for cleanup and maintenance of the materials. Third graders continue their study of master artists through the Art Masterpiece program. It is a national art enrichment project that uses reproductions of fine works of art to promote art literacy in children. Parent volunteers bring the prints to the classroom and present a lesson planned for 3rd grade. Art Masterpiece lessons are taught approximately six times per school year. They usually consist of a "hands-on" project. The purpose of the lesson is to increase the child's awareness of art. As this occurs, students are able to recognize more of the art that they encounter in their world every day.

› Music

Students in 3rd grade attend music class twice per week. SCA's music program focuses on creating a love and awareness of music in daily life. Children are encouraged to have a heart for worship and glorifying God while learning music from around the world. Basic note reading, rhythms and vocal pitches are also taught through dance and games. Student objectives are based on National Music Standards and SCA values.

› Technology

Students in 3rd grade attend computer class twice per week. The technology program focuses on higher order skills and curriculum integration with classroom topics and activities. Computers are used to reinforce the curriculum and provide both guided and independent practice. Student objectives are based on the Arizona Technology Standards and SCA technology goals.

› Spanish

Students in 3rd grade go to Spanish class once per week. Students will be able to: respond to classroom commands; recognize vocabulary related to seasons, colors, days of the week, months of the year, food, clothing, parts of the body, classroom, family members; compliment another person's efforts; express gratitude and respond to expressions of gratitude; recite a poem or sing a song; color the countries where Spanish is spoken on a map of the world; comprehend weather terms; solve basic math concepts; compare the vowel system between Spanish and English.

› Innovation & Creation HUB

Each elementary homeroom class visits the Innovation and Creation HUB once a week. Students focus on STEAM learning (Science, Technology, Engineering, Arts, and Mathematics). Students are provided with hands-on learning with activities centered around the problem-solving method of Ask, Discuss, Design, Create, Test and Revise. Activities are determined by the curricular units being studied in homeroom classes and are designed for age appropriate learning. Students are encouraged to take risks whether it is designing a Moon Lander, coding a robot to engage in a specific task, or designing a piece to be 3D printed. In the HUB students embrace the four C's: Critical Thinking, Creativity, Collaboration, and Communication. These four C's are crucial to fostering innovators and leaders of the 21st century.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Physical Education

3rd grade students attend PE class twice per week. They learn the basics of manipulative, loco motor, and non-loco motor movement. Some of the topics covered are:

- Increasing dodging and fleeing skills inside of higher competition
- Increasing fitness skills
- Setting Fitness Goals
- Understanding connection between fitness and health
- Leadership skills
- Cooperation, teamwork, and encouragement
- Large muscle movement and body control
- Balance
- Spatial awareness
- Rhythm
- Safety inside of activities
- Following Rules and Procedures
- Organization
- Listening skills
- Using different pathways, levels, and speeds inside of activities and sports
- Increasing skills needed to succeed in activities and sports
- Practicing successful use and incorporation of all of these skills

› Field Trips

Third grade classes take several field trips throughout the year. These may include the following:

- Oakland A's Spring Training Game
- Overnight trip to the Phoenix Zoo
- Pueblo Grande
- Child's Play Theater



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Bible

Fourth grade uses Building on the Rock Bible Curriculum, published by Summit Ministries. Building on the Rock lays the groundwork for worldview education. This innovative Christian elementary school Bible curriculum is the first truly integrated biblical worldview and Bible survey course of its kind. Students learn to view the world through four distinct relationships with the Creator, with each other, with ourselves, and with his creation.

Building on the Rock is constructed in a spiral sequence, built around twenty biblical truths found throughout Scripture. Through this framework, students begin seeing all of reality from a biblical viewpoint. They stop seeing the Bible as just a book of unique stories and start seeing Scripture as the litmus test for every idea they encounter. Students start “connecting the dots” between what they find in Scripture and how they should think and live. Engaging activities across all curriculum subjects and utilizing the Socratic Method help shape our students’ spiritual formation and instill a confident faith. Students will learn to know, love and trust God’s Word.

› Language Arts

READING / LITERATURE

Students experience literature through reading, writing, responding, and sharing. The program focuses on developing skilled readers and writers. Fourth grade students will explore literature through guided reading circles. Within these circles students will be challenged through the use of vocabulary, comprehension, analyzing/ concluding, predicting, sequencing, and diagramming exercises, just to name a few. Literature used in 4th grade consists of: *Tales of a 4th Grade Nothing*, *Because of Winn Dixie*, *Shiloh*, *The Indian in the Cupboard*, *Charlie and the Chocolate Factory*, *Sign of the Beaver*, *Little House in the Big Woods*, *The Lion, the Witch and the Wardrobe*, *Mrs. Frisby and the Rats of NIMH*, *Island of the Blue Dolphins*, *Tuck Everlasting*, *Souder*, *James and the Giant Peach*, *The Best Christmas Pageant Ever*, and *Brightly of the Grand Canyon*.

Students are required to participate weekly in an Accelerated Reading (AR) program. This program has students reading books at their independent reading levels and taking periodic quizzes over these books. The goals of the AR program are to create a love of reading and increase reading comprehension skills.

SPELLING

Spelling is a fundamental skill in written communication. During 4th grade, the spelling goal is for the students to learn and understand how and why words are spelled the way they are. The teacher will focus on 2-3 spelling rules that apply to their current list of words. The total list is made up of 29 essential spelling rules. These 29 rules are a follow-up from the Spalding Method, in which the students are trained in the lower grades. The students are taught to evaluate words and how the rules apply. Example of the rules includes the five reasons certain words end with a silent final “e”. After learning the rules, the students then complete of several spelling activities to apply their new knowledge for each list. These activities include multi-sensory activities and differentiated instruction options. The spelling words come from the vocabulary curriculum, Sadlier Vocabulary Workshop, which is used in class. To further challenge students, additional “Super Spelling & Vocabulary Words” are also assigned each week. Throughout the year, students are able to see how God gifted us with the privilege of being able to spell and understand our language.

GRAMMAR AND WRITING

The fourth grade classrooms will be using Patterns of Power: Inviting Young Writers into the Conventions of Language. Using this program, students will be studying the conventions authors use to communicate through various types of literature. We begin to study each new part of speech by looking at a selected sentence for meaning first, and then investigate it, discussing what we notice and wonder about. This makes conventions and grammar accessible. Students learn what they can do with their writing, while also classifying sentences and writing their own. Our program connects grammar, writing, and oral language. Students are taught grammar, capitalization and punctuation rules, sentence classification, analogy relationships, and vocabulary. Writing instruction includes an emphasis on expository, narrative, persuasive, and descriptive styles. The program focuses on developing strong writers by providing instruction for conventions, voice, organization, the development of ideas, sentence fluency, and word choice. Pre-writing, editing, and publishing are a part of all writing assignments.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Language Arts (continued)

VOCABULARY

The Sadlier-Oxford vocabulary curriculum recognizes that vocabulary instruction is critical to success in reading. Research confirms that word knowledge is essential to reading comprehension and that it is the best indicator of how well a reader will understand what he or she reads. The more words that a student masters, the more accomplished he or she will be as a reader and as a writer.

PUBLIC SPEAKING

Scottsdale Christian Academy believes in building student confidence and communication skills early in their education by providing students numerous public speaking opportunities. Students from K-6th grade are given classroom oral reports several times a year, with the additional possibility to publicly address the entire elementary student body in Chapel. With the new global, technologically advanced society surrounding our youth today, SCA believes it is imperative, more than ever, to provide a foundation and enable students to cultivate public speaking at a young age. Expressing thoughts and ideas still remains the cornerstone in any profession or relationship. Development of public communication skills early in life allows students to position themselves for optimal success.

› Math

enVision Math 2.0 (Pearson) is a comprehensive mathematics curriculum for Grades K-5. It is organized to develop mathematical content connections with built-in connections across lessons, across topics, across strands, and across grades. When students connect ideas, they deepen their understanding.

enVision Math 2.0 is organized into clusters of connected topics and lessons. Students learn to see relationships, ask questions, and try different approaches. Since the goal and promise of enVision Math 2.0 is to develop understanding, the math practices are infused in all aspects of the program. Finally, enVision Math 2.0 grows from the organization of the program and the core instructional model used daily. However, there are many other elements that contribute to making enVision Math 2.0 a high-quality curriculum. Throughout the program, students at every grade level will make sense of problems and persevere in solving them. EnVision Math 2.0 provides a wide variety of differentiation resources and strategies. Tiered activities, learning centers, flexible grouping, and technology help

accommodate learning styles and readiness. EnVision Math 2.0 also allows students and parents to access online tools from the math curriculum. This online suite allows students and parents access to lessons, practice, videos, and assessments.

› Science

Students use the Purposeful Design Science Series which weaves together the wonders of the created world and a Biblical worldview. The National Science Education Standards specify content requirements for each grade which are fully met in this series. Additionally students gain proficiency in using the scientific method and a variety of technical resources to conduct scientific investigations. Students in Fourth Grade will study: Life Science (Design, Order, Diversity, and Systems of Life), Physical Science (Energy and Heat, Light and Sound, Motion and Force, Matter and its Uses), Earth and Space Science (The Lithosphere, The Hydrosphere, The Atmosphere, The Universe), and the Human Body (Wellness and Body Systems).

› Social Studies

Fourth grade students use the textbook States and Regions. Units of study include: The United States, The Northeast, The Southeast, The Midwest, The Southwest, and The West. Harcourt Social Studies is a comprehensive K-5 curriculum designed to engage and motivate every student. Through the stories of the intriguing people, exciting places, and fascinating events that make social studies relevant to their lives, students gain a global perspective. They also learn the social studies themes and skills they need to become informed, participating students, use critical thinking skills, and be active in their communities. Students also study the many unique facets of Arizona both past and present.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Music

Students in 4th grade attend music class twice per week. SCA's music program focuses on creating a love and awareness of music in daily life. Children are encouraged to have a heart for worship and glorifying God. Basic note reading, rhythms, and music theory are taught through either band or choir. Student objectives are based on National Music Standards and SCA values.

› Art

Students in 4th grade attend art class once per week. They review the elements of art – line, texture, form, shape, color, balance, value, and symmetry. They begin to recognize patterns and how to draw with the “off the page” concept. They study artwork of the Native American Indians, paying close attention to line and shape. They explore the use of clay by creating pinch pots. One point perspective is introduced, and this is used in landscapes and in drawing 3D shapes. Students learn the concept of printmaking. They develop more attention to detail in the shape of trees. More techniques are introduced in drawing and painting. Fourth graders continue their study of master artists through the Art Masterpiece program. It is a national art enrichment program that uses reproductions of fine works of art to promote art literacy in children. Parent volunteers bring the prints to the classroom and present a lesson planned for 4th grade. Art Masterpiece lessons are taught on a monthly basis, usually six times per school year. They usually consist of a “hands-on” project. The purpose of the lesson is to increase the child’s awareness of art. As this occurs, students are able to recognize more of the art that they encounter in their world every day.

› Technology

Students in 4th grade attend computer class twice per week. The technology program focuses on higher order skills and curriculum integration with classroom topics and activities. Computers are used to reinforce the curriculum and provide both guided and independent practice. Student objectives are based on the Arizona Technology Standards and SCA technology goals.

› Research Skills

Students in 4th grade visit the library once per week for research skills class. Research skills classes focus on using grade specific critical thinking skills to discover facts and information through the use of online and bound reference materials, and library resources. Research is integrated with classroom curriculum and topics. Critical thinking skills are also developed via genre and author studies.

› Spanish

Students in 4th grade go to Spanish class once per week. Students will be able to: respond to classroom commands; understand, read, and write vocabulary related to numbers 1-20, colors, family members, clothing; count to 100 by tens; identify people and objects based on oral and written descriptions; greet someone and ask how they are and respond appropriately; ask and answer a question about age; ask for someone else’s name and be able to give name when asked; express desire using the verb “I want”; recite a short poem, sing a song, memorize and recite a Bible verse; know and use appropriately the greetings according to the time of day; say goodbye in a variety of ways; use courtesy phrases; using a map of the world, identify parts of the world where Spanish is spoken by coloring in the countries; in a group, make a list of words borrowed from Spanish; compare the consonants in the alphabet.

› Innovation & Creation HUB

Each elementary homeroom class visits the Innovation and Creation HUB once a week. Students focus on STEAM learning (Science, Technology, Engineering, Arts, and Mathematics). Students are provided with hands-on learning with activities centered around the problem-solving method of Ask, Discuss, Design, Create, Test and Revise. Activities are determined by the curricular units being studied in homeroom classes and are designed for age appropriate learning. Students are encouraged to take risks whether it is designing a Moon Lander, coding a robot to engage in a specific task, or designing a piece to be 3D printed. In the HUB students embrace the four C’s: Critical Thinking, Creativity, Collaboration, and Communication. These four C’s are crucial to fostering innovators and leaders of the 21st century.

› Field Trips

Fourth grade classes take several field trips throughout the year. These may include the following:

- Arizona State Capitol
- Arizona Science Center
- Mountain Man Presentation
- Feed My Starving Children
- Discover Northern Arizona
- Explore Southern Arizona



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Physical Education

4th grade students attend PE class twice per week. They learn the basics of manipulative, loco motor, and non-loco motor movement. They focus on increasing the following skills and incorporating them into higher movement activities:

- Increasing dodging and fleeing skills inside of higher competition
- Increasing fitness skills
- Setting fitness goals
- Understanding the connection between fitness and health
- Leadership skills
- Cooperation, teamwork, and encouragement
- Large muscle movement and body control
- Balance
- Rhythm
- Safety inside of activities
- Following rules and procedures
- Organization
- Listening skills
- Using different pathways, levels, and speeds inside of activities and sports
- Increasing involvement in sport activity
- Practicing successful use and incorporation of all of these skills



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Bible

Fifth grade uses *Building on the Rock Bible Curriculum*, published by Summit Ministries. Building on the Rock lays the groundwork for worldview education. This innovative Christian elementary school Bible curriculum is the first truly integrated biblical worldview and Bible survey course of its kind. Students learn to view the world through four distinct relationships with the Creator, with each other, with ourselves, and with His creation.

Building on the Rock is constructed in a spiral sequence, built around twenty biblical truths found throughout Scripture. Through this framework, students begin seeing all of reality from a biblical viewpoint. They stop seeing the Bible as just a book of unique stories and start seeing Scripture as the litmus test for every idea they encounter. Students start “connecting the dots” between what they find in Scripture and how they should think and live. Engaging activities across all curriculum subjects and utilizing the Socratic Method help shape students’ spiritual formation and instill a confident faith. Students will learn to know, love and trust God’s Word.

› Language Arts

READING/LITERATURE

A Beka Speed and Comprehension Book is used to build student reading comprehension and fluency. Students are also required to participate weekly in an Accelerated Reading (AR) program. This program has students reading books at their independent reading levels and taking periodic quizzes over these books. The goals of the AR program are to create a love of reading and increase reading comprehension skills. Students will engage in at least four literature studies throughout the year: *My Side of the Mountain*, *Tale of Despereaux*, *Bud, Not Buddy*, *Maniac Magee*, *Where the Red Fern Grows*, *Frindle*, and *Number the Stars*. The study activities center on building student vocabulary, addressing multiple learning styles, and promoting higher level thinking.

SPELLING

Spelling is a fundamental skill in written communication. During 5th grade, the spelling goal is for the students to learn and understand how and why words are spelled the way they are. The teacher will focus on 2-3 spelling rules that apply to their current list of words. The total list is made up of 29 essential spelling rules. These 29 rules are a follow-up from the Spalding Method, in which the students are trained in the lower grades. The students are taught to evaluate words and how the rules apply. Example of

rules include the five reasons certain words end with a silent final “e”. The biweekly spelling words come from the vocabulary curriculum, Sadlier Vocabulary Workshop, that is used in class. To further challenge students, additional “Super Spelling & Vocabulary Words” are also assigned each week. Throughout the year, students are able to see how God gifted us with the privilege of being able to spell and understand our language.

GRAMMAR & WRITING

Students are taught grammar, capitalization, and punctuation rules, parts of speech, analogy relationships, and vocabulary. Writing instruction includes an emphasis on expository, narrative, persuasive, and descriptive styles.

The students’ writing Shurley English focuses on developing strong writers by providing instruction for conventions, voice, organization, development of ideas, sentence fluency, and word choice. Pre-writing, editing, and publishing are a part of all writing assignments.

PUBLIC SPEAKING

Scottsdale Christian Academy believes in building student confidence and communication skills early in their education by providing students numerous public speaking opportunities. Students from K-5th grade are given classroom oral reports several times a year, with the additional possibility to publicly address the entire elementary student body in Chapel. With the new global, technologically advanced society surrounding our youth today, SCA believes it is imperative, more than ever, to provide a foundation and enable students to cultivate public speaking at a young age. Expressing thoughts and ideas still remains the cornerstone in any profession or relationship. Development of public communication skills early in life allows students to position themselves for optimal success.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Math

enVision Math 2.0 (Pearson) is a comprehensive mathematics curriculum for Grades K-5. It is organized to develop mathematical content connections with built-in connections across lessons, across topics, across strands, and across grades. When students connect ideas, they deepen their understanding. enVision 2.0 is organized into clusters of connected topics and lessons. Students learn to see relationships, ask questions, and try different approaches. Since the goal and promise of enVision Math 2.0 is to develop understanding, the math practices are infused in all aspects of the program. Finally, enVision Math 2.0 grows from the organization of the program and the core instructional model used daily. However, there are many other elements that contribute to making enVision Math 2.0 a high-quality curriculum. Throughout the program, students at every grade level will make sense of problems and persevere in solving them. enVision Math 2.0 provides a wide variety of differentiation resources and strategies. Tiered activities, learning centers, flexible grouping, and technology help accommodate learning styles and readiness. enVision Math 2.0 also allows students and parents to access online tools from the math curriculum. This online suite allows students and parents access to lessons, practice, videos, and assessments.

› Science

Students use the Purposeful Design Science Series which weaves together the wonders of the created world and a Biblical worldview. The National Science Education Standards specify content requirements for each grade which are fully met in this series. Additionally, students gain proficiency in using the scientific method and a variety of technical resources to conduct scientific investigations. Students in Fifth Grade will study: Life Science (Natural Cycles, Life Cycles, Cells, Ecological Succession), Physical Science (Measuring Matter, Changing Matter, Force and Work, Electricity and Magnetism), Earth and Space Science (Earth's Processes, Natural Resources, Weather and Climate, Sun, Earth and Moon), and the Human Body (Transitions, Disease).

› Social Studies

Fifth grade students use the textbook *The United States* by Harcourt. Units of study include: The Land and Early People, Exploration and Settlement, The American Revolution, A Growing Nation, Civil War Times, and The United States and the World. Harcourt Social Studies is a comprehensive K-5 curriculum designed to engage and motivate every student. Through the stories of the intriguing people, exciting places, and fascinating events

that make social studies relevant to their lives, students gain a global perspective. They also learn the social studies themes and skills they need to become informed, participating students, use critical thinking skills, and be active in their communities.

Students continue the experience of the Junior Achievement BizTown program which reinforces the understanding of family, school and community. They are taught the basic concepts of business, financial literacy, entrepreneurship, economics, and how education is relevant to the workplace.

› Art

Students in 5th grade attend art class once per week. They develop and refine their drawing skills by creating more realistic landscapes. They learn to add texture to their watercolor paintings by using wax paper, gauze and plastic wrap. Use of shadows and light is developed. They explore the use of clay by creating unique coil pots. Mixed media portraits are introduced by using the grid system for enlarging their photos. Students learn about facial expressions and body positions. Two-dimensional etchings are explored and two-point perspective is used in landscapes. Fifth graders continue their study of master artists through the Art Masterpiece program. It is a national art enrichment project that uses reproductions of fine works of art to promote art literacy in children. Parent volunteers bring the prints to the classroom and present a lesson planned for 5th grade. Art Masterpiece lessons are taught approximately six times per school year. They usually consist of a "hands on" project. The purpose of the lesson is to increase the child's awareness of art. As this occurs, students are able to recognize more of the art that they encounter in their world every day.



SCOTTSDALE CHRISTIAN ACADEMY

Elementary School Curriculum

› Music

Students in 5th grade music attend music class twice per week. SCA's music program focuses on creating a love and awareness of music in daily life. Children are encouraged to have a heart for worship and glorifying God. Music theory, music history and music appreciation are taught through either band or choir. Student objectives are based on National Music Standards and SCA values.

› Technology

Students in 5th grade attend technology class twice per week. The technology program focuses on higher order skills and curriculum integration with classroom topics and activities. Computers are used to reinforce curriculum and provide both guided and independent practice. Student objectives are based on the Arizona Technology Standards and SCA technology goals.

› Spanish

Students in 5th grade go to Spanish class once per week. Students will be able to: respond to classroom commands; understand, read, and write vocabulary related to: numbers 1-100, colors, family members, clothing, foods/place settings, animals, body parts, weather, days of the week, rooms/household; identify people and objects based on oral and written descriptions; greet someone and ask how they are and respond appropriately; ask and answer a question about age; ask for someone else's name and be able to give name when asked; ask "What do you want?," "How much is it?," "What are we going to do?"; express likes and dislikes using the verb "gustar"; recite a short poem, sing a song, memorize and recite a Bible verse; know and use appropriately the greetings according to the time of day; say goodbye in a variety of ways; say please, thank you, no thank you when appropriate; using a map of the world, identify parts of the world where Spanish is spoken by coloring in the countries; identify cognates in Spanish, giving the English equivalent.

› Research Skills

Students in 5th grade visit the library once per week for research skills class. Research skills classes focus on using grade specific critical thinking skills to discover facts and information through the use of online and bound reference materials and library resources. Research is integrated with classroom curriculum and topics. Critical thinking skills are also developed via genre and author studies.

› Physical Education

Students in 5th grade go to PE class twice per week. PE teaches skills of various sports throughout the year and knowledge of rules for each game. Teaching good attitudes and sportsmanship is an essential part of the PE curriculum. Fifth grade students will learn:

- Basic rules of sports, movement and activity
- Basic team strategy
- Teamwork
- Encouragement
- Cooperation
- Accepting others' differences
- Skills involved in all sports, activities and movement
- Introduction to new games and creativity

› Innovation & Creation HUB

Each elementary homeroom class visits the Innovation and Creation HUB once a week. Students focus on STEAM learning (Science, Technology, Engineering, Arts, and Mathematics). Students are provided with hands-on learning with activities centered around the problem-solving method of Ask, Discuss, Design, Create, Test and Revise. Activities are determined by the curricular units being studied in homeroom classes and are designed for age appropriate learning. Students are encouraged to take risks whether it is designing a Moon Lander, coding a robot to engage in a specific task, or designing a piece to be 3D printed. In the HUB students embrace the four C's: Critical Thinking, Creativity, Collaboration, and Communication. These four C's are crucial to fostering innovators and leaders of the 21st century.

› Field Trips

Fifth grade classes take several field trips throughout the year. These may include the following:

- Science Fair
- Junior Achievement BizTown
- Overnight Science Camp
- Decades Day
- Various outreach programs
- Christmas and End-of-Year Parties off campus