



FAITH CHRISTIAN

Elementary Course Descriptions

2021-2022

Kindergarten

In Kindergarten, students grow intellectually, spiritually, socially, emotionally, and physically. Students grow in their abilities to follow directions, manage their emotions, and get along with other children and adults who share their classroom.

Bible

- Grasp major Bible topics of sin, salvation through the blood of Christ, the assurance of new life and how to grow in Christ.
- Focus on God's Word, learn about the Book of Genesis, the story of creation and Bible characters of Adam, Cain, Enoch, Noah, Abraham, and Isaac.
- Learn about the Life of Christ from the first Christmas, and the boyhood and early ministry of Jesus.
- Describe how Jesus heals and helps, both before His crucifixion and after His resurrection.

Language Arts

- Master the world of reading and grow intellectually, through writing, speaking, and listening.
- Foster excitement for language learning by understanding God's desire and ability to communicate through His letters.
- Develop reading behaviors and make connections between print, symbols, sounds and their meaning.
- Extend basic skills to emphasize fluent reading, comprehension, expressive writing and drawings.
- Apply organization as part of the Six+1 Trait Writing Model.

Mathematics

- Explore God's plan for order including the world of numbers, patterns, shapes, data, and spatial sense.
- Engage in activities to conceptualize numbers in various forms, to perform operations with numbers, and to use manipulatives as representative objects.
- Make mathematical connections and use mathematics principles to communicate, reason, and solve problems.

Science

- Explore the world of science: physical, life, earth and space.
- Develop research and inquiry skills.
- Explore scientific concepts and apply these concepts to how it affects their world.

Social Studies

- Understand the value God places on human beings created in His image.
- Trace how God has ordained, family, and communities, as they learn and work together.
- Adopt citizenship skills which focus on following biblically based guidelines and respecting others.
- Learn core concepts of historical sequence, geography, and economic goods and services.
- Apply the use of maps and globes in the development of geography skills.
- Learn about symbols, patriotic holidays, and historical people to understand our national heritage.
- Discover similarities and differences among people of various cultures.

Technology

- Understand computer interface, control, processing and storage fundamentals.
- Demonstrate basic letter and navigation keyboarding skills.
- Construct multimedia drawings by filling shapes using graphics tools.
- Utilize multimedia drawing skills to draw lines and shapes to tell a story.
- Demonstrate visual mapping using groups and labels.

Art

- Recognize and discuss line qualities in natural and constructed environments, in a variety of art processes, and experiment with tools and materials to express them.
- Produce different sizes of geometric, and free form shapes, in natural and constructed environments.
- Identify primary, secondary colors in natural and constructed environments and experiment with color mixing using a variety of media.
- Demonstrate the use of color and textures for personal expression by experimenting with a variety of tools and materials.
- Recognize and discuss pattern in art works in natural and constructed environments and demonstrate line, shape, color, or texture can make pattern, and can be formed by repeating line, shape, color, or texture, using various tools and materials.

Physical Education

- Demonstrate the elements of movement in combination with a variety of locomotor skills
- Demonstrate control and balance in traveling and weight-bearing activities using a variety of body parts and implements applied in team and life-time physical activities.
- Identify good brain health habits.
- Use feedback to improve performance.
- Connect the health-related fitness components to the body systems and God's creation.
- Recognize the importance of making the choice to participate in a wide variety of activities that involve locomotion, and manipulation of objects.
- Demonstrate positive and helpful behavior and words toward other students .
- Apply rules, procedures, and safe practices to create a safe school environment with little or no reinforcement.

Music

- Develop basic music literacy skills using various forms of activities, such as echo singing, listening, movement, playing percussion instruments, and playing music games.
- Perform independently and with a group.
- Respond to music with movement.
- Create music through a variety of experiences.
- Comprehension of musical opposites and the basic elements of musical form and vocabulary.
- Identify different vocal and instrumental tone colors.
- Identify and demonstrate simple musical and rhythmic patterns.
- Demonstrate respect for the contribution of others in a musical setting.
- Respond to musical performance and music genres at a basic level.
- Identify music as an integral part of everyday life now and in the past.

First Grade

As first graders, students will have the opportunity to develop personal responsibility, independence, organization, and social skills. The focus is to develop a love for reading, helping them become life-long learners.

Bible

- Discover God as the Creator and the only true and Almighty God.
- Recognize God is the Father, the Son, and the Holy Spirit; God is Truth and always tells us what is right and true.
- Apply important character traits of obedience, reverence, loyalty and gratitude.
- Focus on God's Word, by delving into the Book of Genesis, the story of creation and Bible characters of Noah, Abraham, Isaac, Jacob, and Joseph.

Language Arts

- Engage in readiness level activities which foster excitement for language learning.
- Practice reading behaviors.
- Make connections between print and meaning, symbols and sounds.
- Identify and extend patterns found in written and spoken language.
- Construct meaning from, and respond to, oral communication and reading selections.
- Express ideas and opinions to others through speaking, emergent writing, and drawing.
- Apply organization and ideas as part of the Six+1 Trait Writing Model.

Mathematics

- Make sense of real-world data (collect and discuss data).
- Conceptualize the symbolic value of numbers in various forms through readiness level activities.
- Comparing halves and wholes with objects.
- Use decimals in units of measurement.
- Perform operations with numbers and use manipulatives as representative objects.
- Understand mathematical connections and use mathematics principles to communicate, reason, and solve problems.

Science

- Explore the world of science: physical, life, earth and space.
- Develop research and inquiry skills through engaging activities.
- Identify the existence of science in the world and its connection to scripture.

Social Studies

- Build on skills and core concepts introduced in kindergarten.
- Learn about democracy, as well as, responsibilities of positions of authority and leadership.
- Locate places on a map and globe, understand compass directions, and construct maps.
- Learn economic ideas on money, resources, goods and services, and consumption.
- Broaden historical perspective through comparisons of family, transportation, communication, and holidays around the world.

Technology

- Understand computer interface, control, processing and storage fundamentals.
- Demonstrate basic letter and navigation keyboarding skills.
- Understand printer hardware fundamentals.
- Construct multimedia drawings by filling shapes using graphics tools.

- Utilize multimedia drawing skills to draw lines and shapes to tell a story.
Demonstrate visual mapping using groups and labels.
- Demonstrate basic word processing by creating documents and formatting text.
- Classify data from a simple database.

Art

- Recognize, name and utilize different line types in drawing.
- Mix, identify, and use both primary and secondary colors in artwork.
- Use color to show emotion and exaggeration to show importance in artwork.
- Recognize, name and use different shapes and textures to depict a variety of objects.
- Recognize foreground, middle, and background in artwork.
- Use the technique of overlapping to show space in artwork.
- Discuss, name and create pattern designs used in the art of Northern India and discuss the art of Japanese artists.

Physical Education

- Demonstrate the elements of movement in combination with a variety of locomotor skills
- Demonstrate control and balance in traveling and weight-bearing activities using a variety of body parts and implements applied in team and life-time physical activities.
- Identify good brain health habits.
- Use feedback to improve performance.
- Connect the health-related fitness components to the body systems and God's creation.
- Recognize the importance of making the choice to participate in a wide variety of activities that involve locomotion, and manipulation of objects.
- Demonstrate positive and helpful behavior and words toward other students .
- Apply rules, procedures, and safe practices to create a safe school environment with little or no reinforcement.

Music

- Build upon music literacy skills using various forms of activities, such as echo singing, listening, movement, playing percussion instruments, and playing music games.
- Expressively perform in groups or independently.
- Comprehend and perform basic rhythmic and melodic phrases.
- Create music through a variety of experiences.
- Identify musical patterns and comprehend gradual changes in dynamics and tempo.
- Aurally identify components of musical form.
- Comprehension of basic vocal and instrumental tone colors.
- Demonstrate respect for the contributions of self and others in a musical setting.
- Comprehension of basic components of music and musical performance at a beginning level.
- Identify music as an integral part of everyday life now and in the past.

Second Grade

In second grade, we work respectfully as individuals and in teams to meet high academic goals. Our focus is to celebrate the learning process and differentiate according to the needs of our learners. Throughout each grade level subject, we maintain a positive environment by applying Biblical principles to our daily work.

Bible

- Learn God created people to be His children to praise His glory and how He created people to need Him for everything.
- Explore how sin causes separation and disharmony between people and God and how Jesus died to restore fellowship and harmony between people and God.
- Engage in activities teaching the character traits of joy, trust, humility, and compassion.
- Focus on God's Word, specifically the Books of Exodus, Judges and Joshua, the Egyptian captivity, Moses and the exodus, and wandering in the wilderness.

Language Arts

- Explore the world of reading, comprehension strategies, writing, speaking, and listening.
- Engage in language learning activities and gain an intuitive sense of language structure.
- Apply organization, ideas, and conventions as part of the Six+1 Trait Writing Model.

Mathematics

- Investigate the world of numbers, algorithms, patterns, shapes, data, and spatial sense.
- Engage in activities to make sense of real-world data (collect, discuss, and make conclusions about data).
- Conceptualize the symbolic value of numbers in various forms, including fractions, to perform operations with numbers, and use manipulatives as representative objects.
- Make mathematical connections and use mathematics principles to communicate, reason, and solve problems.

Science

- Build on knowledge of science and scientific concepts.
- Apply knowledge of comparison, contrast, describe, identify, etc.
- Identify the existence of science in the world.

Social Studies

- Study both the past and present local community.
- Explore United States history with a focus on Colonial America, and national holidays and symbols.
- Explore the geographical relationship between the physical environment and human activities, continue to develop map and globe skills.
- Expand understanding of economic concepts on money, goods and services, and trade.
- Utilize historical analysis skills to interpret data and timelines.

Technology

- Understand computer interface, control, processing, storage and networking fundamentals.
- Demonstrate mid-level keyboarding skills.
- Understand scanner, printer hardware fundamentals.
- Understand software interface controls and basic software file formats.
- Introduce computational thinking.
- Demonstrate visual mapping using formats, outlines, attributes, linking and idea webs.
- Demonstrate basic word processing by creating documents and formatting text.

Art

- Apply an understanding of art processes such as lines, objects, shapes, color, hue, saturation, pattern, texture and creative thinking to plan and create art.
- Discuss the function of shape in everyday objects and recognize and demonstrate the use of exaggeration by enlarging and minimizing.
- Manipulate tools and materials to change textures (body pressure, overlapping of materials, etc.).
- Compare and contrast a real object with its abstracted shape and combine shapes to make an abstraction of a real object.
- Demonstrate the use of balance in a design: symmetry; asymmetry; radial.
- Use artistic media and expression to communicate points of view.
- Recognize and demonstrate the use of size, overlapping vertical placement, aerial perspective, and more/less detail to create the illusion of space.
- Incorporate foreground, middle ground, and background concepts in artwork.
- Develop evaluative criteria when responding to works of art through a review of the work of O'Keefe, Rousseau, Monet, Gint and American Indian Sand Paintings.
- Understand different techniques associated with different cultural traditions by utilizing a variety of shapes and designs to construct a Japanese ceremonial kite.
- Recognize and discuss 3-5 patterns common to American Pioneer quilts and apply American Pioneer quilting patterns to a quilt of their own design.
- Use teamwork to create components used in artwork.

Physical Education

- Demonstrate the elements of movement in combination with a variety of locomotor skills
- Demonstrate control and balance in traveling and weight-bearing activities using a variety of body parts and implements applied in team and life-time physical activities.
- Identify good brain health habits.
- Use feedback to improve performance.
- Connect the health-related fitness components to the body systems and God's creation.
- Recognize the importance of making the choice to participate in a wide variety of activities that involve locomotion, and manipulation of objects.
- Demonstrate positive and helpful behavior and words toward other students .
- Apply rules, procedures, and safe practices to create a safe school environment with little or no reinforcement.

Music

- Refine music literacy skills using various forms of activities, such as singing, listening, playing bucket drums and pitched percussion instruments, and playing music games.
- Expressively perform simple songs in small groups or independently.
- Perform simple rhythmic, melodic, and harmonic patterns.
- Create music through a variety of experiences.
- Identify and perform rhythmic and melodic notation patterns.
- Comprehension and use of appropriate vocabulary for dynamics, tempo, meter and articulation.
- Comprehension of beginning notational elements and form in music.
- Comprehension of vocal and instrumental tone colors.
- Demonstrate respect for individual, group, and self-contributions in a musical setting.
- Articulate reactions to the elements and aesthetic qualities of musical performances using musical terminology and movement.
- Demonstrate increased awareness of music in daily life and in the past.

Third Grade

In third grade, students assume greater responsibility for their work, their actions, and their learning. They are challenged to think critically as they work both independently and collaboratively. As students mature in their academic environment, they are taught to make connections to their learning that enable them to develop their personal relationship with Christ.

Bible

- Learn God created all people in His image and placed a crown of glory and honor on His image-bearers.
- Explore how sin causes disharmony within God's image-bearers and Jesus died to restore harmony within God's image-bearers.
- Engage in activities centering on the character traits of holiness, confidence, self-control, and peace.
- Focus on God's Word, specifically the Books of 1 and 2 Samuel, 1 and 2 Kings: Samuel the prophet, and Kings Saul, David and Solomon.

Language Arts

- Work independently, and in groups to complete projects, learn study skills and develop organizational skills, and incorporate an increasing vocabulary in speaking and writing.
- Apply word analysis strategies to spell and define words, and then to apply them in the writing process.
- Identify and extend patterns found in written and spoken language.
- Construct meaning from, and respond to, oral communication and reading selections.
- Express ideas and thoughts to others through speaking, writing, and drawings.
- Apply organization, ideas, conventions, and word choice as part of the Six+1 Trait Writing Model.

Mathematics

- Look into the world of numbers, algorithms, patterns, shapes, data, and spatial sense.
- Engage in activities to make sense of real-world data (collect, discuss, and make conclusions about data).
- Conceptualize the symbolic value of numbers in various forms (including fractions and decimals) and perform operations with numbers.
- Articulate the reasons behind solutions and use manipulatives as representative objects.
- Make mathematical connections and use mathematics principles to communicate, reason, and solve problems.

Science

- Build on knowledge of science and scientific concepts through the topics of rocks and minerals, weather, plants, vertebrates, invertebrates and the five senses.
- Begin to explore the history of science and scientists.

Social Studies

- Develop an understanding of state and national history, local, state, and national government, economics, and elements of early civilizations.
- Concentrate on rights and responsibilities in the context of American democracy.
- Learn about public service and leadership, through personal opportunities for voluntarism, leadership, and service.
- Grow historical analysis and awareness skills introduced in earlier grades.
- Discuss regions and populations in geography studies.
- Study the economics topic of competition in a free-market economic system and receive an introduction of the world of work.

Technology

- Understand internet online information basics, browsing, URL's, safe and effective searches, research, resources, and ethics.
- Explain online safety concepts like cyberbullying.
- Understand computer software interface controls, networking fundamentals, and mobile devices.
- Further develop computational thinking through algorithms and modeling.
- Demonstrate basic word processing by creating documents, formatting text, page layout, creating, organizing, editing and revising content.
- Introduce desktop publishing.
- Demonstrate presentation skills by composing slides.

Art

- Apply an understanding of art processes such as lines, objects, shapes, color, hue, saturation, pattern, texture and creative thinking to plan and create art.
- Discuss the function of shape in everyday objects and recognize and demonstrate the use of exaggeration by enlarging and minimizing.
- Manipulate tools and materials to change textures (body pressure, overlapping of materials, etc.).
- Compare and contrast a real object with its abstracted shape and combine shapes to make an abstraction of a real object.
- Demonstrate the use of balance in a design: symmetry; asymmetry; radial.
- Use artistic media and expression to communicate points of view.
- Recognize and demonstrate the use of size, overlapping vertical placement, aerial perspective, and more/less detail to create the illusion of space.
- Incorporate foreground, middle ground, and background concepts in artwork.
- Develop evaluative criteria when responding to works of art through a review of the work of Monet, Jackson Pollock, VanGogh, Homer, and Rousseau.
- Understand different techniques associated with different cultural traditions by designing and constructing a Japanese ceremonial kite.
- Recognize and discuss 3-5 patterns common to American Pioneer quilts and apply American Pioneer quilting patterns to a quilt of their own design.
- Use teamwork to create components used in artwork.

Physical Education

- Demonstrate mature form for all basic locomotor, manipulative, and rhythmic skills.
- Demonstrate understanding of how to combine and apply movement concepts and principles to learn and develop motor skills applied in team and life-time sports like soccer, basketball, volleyball, track, gymnastics, and outdoor adventure activities.
- Understand and apply basic principles of training to improving physical fitness.
- Demonstrate understanding of skill-related components of fitness and how they affect physical performance, assess and take responsibility for personal behavior and choices.
- Connect the health-related fitness components to the body systems and God's creation.
- Choose to participate cooperatively and productively in group and Identify personal physical activity interests and abilities.
- Understand and utilize safe and appropriate warm-up, pacing, and cool-down techniques for injury prevention and safe participation.

Music

- Build upon their music literacy skills using various forms of activities, such as singing, listening, and playing music games. Students will be introduced to the recorder to expand their knowledge of music notation and music forms.
- Perform from memory and use simple traditional notation.
- Perform short musical phrases and extended rhythmic, melodic, and harmonic patterns.
- Create music through a variety of experiences.
- Notate music using basic notation structure.
- Apply and demonstrate use of basic dynamics, tempo, meter, and articulation using appropriate music vocabulary.
- Analyze simple notational elements and form in music.
- Identify vocal and instrumental tone colors.
- Identify and aurally recognize simple melodic, rhythmic, and harmonic patterns.
- Identify personal preferences for specific music.
- Respond to, and make informed judgments about, music through participation, performance, listening, and the creative process.
- Articulate music's significance within an individual musical experience.

Fourth Grade

Fourth grade is a positive learning environment where students attend Bible, social studies, science, and spelling in their homeroom and then travel to other classrooms for reading, math, and language arts. Group projects challenge students and promote collaboration between classmates. To foster the development of organizational skills, we introduce the use of an agenda and a binder which students will need as they progress throughout their education.

Bible

- Learn God created his image-bearers to love and serve one another and God created the family and nation in which his image-bearers are to live and serve each other.
- Explore how sin causes disharmony among God's image-bearers and Jesus died to bring his image-bearers into a new family and nation of harmony called God's Church.
- Engage in activities centering on the important character traits of friendliness, honesty, kindness, and forgiveness.
- Focus on God's Word, through the major and minor Prophets (Elijah, Elisha, Isaiah, and Jeremiah) to the Northern and Southern Kingdoms.

Language Arts

- Construct meaning from, and respond to, oral communication and reading selections, and express ideas and thoughts to others through speaking, writing, and drawings.
- Engage in activities to apply their knowledge of language structure by editing for language mechanics, usage, and cohesiveness.
- Work independently and in groups to complete projects, learn study and organizational skills, incorporate an increasing vocabulary to speaking and writing, apply word structure and context analysis to define words.
- Demonstrate the writing process and identify and extend patterns found in written and spoken language.
- Apply organization, ideas, conventions, word choice, voice and sentence fluency as part of the Six+1 Trait Writing Model.

Mathematics

- Investigate the world of numbers, algorithms, patterns, shapes, data, and spatial sense.
- Engage in activities involving operations with whole numbers, decimals, and fractions, measurement, estimation, making sense of the real-world (collecting, discussing, and making conclusions about data).
- Conceptualize and convert numbers in various forms and justify mathematics solutions by articulating the reasons behind the solutions.
- Use manipulatives to represent number sentences and other abstract algebraic concepts.
- Make mathematical connections and use mathematics principles to communicate reason and solve problems.

Science

- Build knowledge of science and scientific concepts including topics such as the universe, energy in the form of heat, waves, light and sound, and Earth's geology, ecosystems, and hydrosphere.
- Develop communication skills necessary for the advancement of science.

Social Studies

- Learn about significant events in American history and the role Colorado played in the development of the United States.
- Explore American identity through historical documents and democratic principles.
- Develop an understanding of civic and economic concepts within the context of Colorado state history by focusing on state government and economic activity and unique attributes of the State of Colorado.

- Studies encompass the geography of the Earth, its attributes, processes, and the tools used to understand the world in which we live.
- Develop a cultural perspective through exposure to folklore and diversity.

Technology

- Explore communicating online, information basics, browsing, URL's, websites, searches, validity and sourcing.
- Understand online safety concepts like cyberbullying.
- Understand computer symbols of technology.
- Demonstrate basic computer components.
- Understand computer software interface controls, navigating ribbon interfaces and networking.
- Understand computing in the cloud.
- Further develop computational thinking through algorithms and modeling.
- Demonstrate basic word processing by creating documents, formatting text, page layout, creating, organizing, editing and revising content.
- Introduce desktop publishing.
- Demonstrate presentation skills by composing, enhancing slide, evaluating and presenting.

Art

- Apply an understanding of art processes such as lines, objects, shapes, color, hue, saturation, pattern, texture and creative thinking to plan and create art.
- Discuss the function of shape in everyday objects and recognize and demonstrate the use of exaggeration by enlarging and minimizing.
- Manipulate tools and materials to change textures (body pressure, overlapping of materials, etc.).
- Compare and contrast a real object with its abstracted shape and combine shapes to make an abstraction of a real object.
- Demonstrate the use of balance in a design: symmetry; asymmetry; radial.
- Use artistic media and expression to communicate points of view
- Recognize and demonstrate the use of size, overlapping vertical placement, aerial perspective, and more/less detail to create the illusion of space.
- Incorporate foreground, middle ground, and background concepts in artwork.
- Develop evaluative criteria when responding to works of art through a review of the work of Mary Cassatt, Picasso, Cezanne, Renoir, and Seurat.
- Understand different techniques associated with different cultural traditions by designing and constructing a Japanese ceremonial kite.
- Use teamwork to create components used in artwork.

Physical Education

- Demonstrate mature form for all basic locomotor, manipulative, and rhythmic skills.
- Demonstrate understanding of how to combine and apply movement concepts and principles to learn and develop motor skills applied in team and life-time sports like soccer, basketball, volleyball, track, gymnastics, and outdoor adventure activities.
- Understand and apply basic principles of training to improving physical fitness.
- Demonstrate understanding of skill-related components of fitness and how they affect physical performance, assess and take responsibility for personal behavior and choices.
- Connect the health-related fitness components to the body systems and God's creation.
- Choose to participate cooperatively and productively in group and Identify personal physical activity interests and abilities.
- Understand and utilize safe and appropriate warm-up, pacing, and cool-down techniques for injury prevention and safe participation.

Music - 4th grade students have the choice between choir or band but all students will focus on the following common objectives.

- Perform using accurate production techniques.
- Perform a variety of rhythmic, melodic, and harmonic patterns.
- Improvise simple musical phrases and notate simple musical selections.
- Application and demonstration of the use of more advanced dynamics, tempo, meter, and articulation using appropriate music vocabulary.
- Identification of aural and visual notations of basic musical forms.
- Analyze vocal and instrumental examples.
- Identify and aurally recognize melodic, rhythmic, and harmonic patterns.
- Explain personal preferences for specific music.
- Comprehend and respect the musical values of others considering cultural context as an element of musical evaluation and meaning.

Choir

- Build upon music literacy skills by singing more complicated songs and reading notation.
- Develop aural skills, sight-reading, and maintaining competency in recognizing music symbols.
- Perform a musical, which incorporates drama and movement into music.
- Vocally perform extended melodies from the treble staff using traditional notation.

Beginning Band

- Build upon music literacy skills by learning to play a band instrument while putting music elements into practice.
- Instrumentally perform melodies from the treble and bass staff using traditional notation.

Fifth Grade

In fifth grade, students continue to receive guidance and support to develop well-rounded habits as students. As the most senior students in the elementary school, there is an emphasis on developing personal and group leadership, so students realize their God-given gifts as well as how to impact others for Christ.

Bible

- Learn God holds his creation together by His power and He created his image-bearers to rule over His earth.
- Discover how sin causes disharmony between God's image-bearers, and the earth, and how Jesus died to restore harmony between God's image-bearers and the earth.
- Through activities, learn about the important character traits of orderliness, dependability, perseverance, and initiative.
- Focus on God's Word, in the Gospels of Matthew, Mark, Luke, John. Study verses from those books, and learn about Jesus' early life and ministry, and how he called His disciples.
- Explore Jesus' teachings, death and resurrection.

Language Arts

- Explore the world of reading, writing, speaking, and listening.
- Engage in activities, which require knowledge of language structure by editing for language mechanics, usage, and cohesiveness.
- Work independently and in groups to complete projects, to learn study and organizational skills, and incorporate an increasing vocabulary in speaking and writing.
- Apply word structure and context analysis to define words.
- Demonstrate the writing process and identify and extend patterns found in written and spoken language.
- Construct meaning from, and respond to, oral communication and reading selections.
- Express ideas and thoughts to others through speaking, writing, and drawings.
- Apply organization, ideas, conventions, word choice, voice, sentence fluency, and presentation as part of the Six+1 Trait Writing Model.

Mathematics

- Explore the world of numbers, algorithms, patterns, shapes, data, and spatial sense.
- Engage in activities involving operations with whole numbers, decimals, and fractions, measurement, and estimation.
- Make sense of the real-world (collect, discuss, and make conclusions about data), conceptualize and convert numbers in various forms.
- Justify mathematics solutions by articulating the reasons behind the solutions.
- Use manipulatives to represent algebraic concepts.
- Make mathematical connections and use mathematics principles to communicate, reason, and solve problems.

Science

- Build knowledge of science and the ability to communicate scientific concepts.
- Apply the scientific method to their own science fair project where they define the problem, propose a hypothesis, perform an experiment and present their project in a fair-like atmosphere.

Social Studies

- Focus on the development of the nation from its early beginnings to the late 19th century.
- Explore historical content including the Colonial and Revolutionary periods, Civil War, western expansion, and the Industrial Revolution.
- Learn about the foundations of representative government, as well as the important ideas in the Declaration of Independence, Bill of Rights, and the U.S. Constitution.
- Continue to learn core concepts in civics, economics, and geography.
- Studies focus on the geography of the United States, as well as Earth's attributes and ecosystems.
- Study U.S. economy while learning about economic interdependence, supply and demand, and gross domestic product.
- Continue developing a cultural perspective through exposure to diversity and strengthen historical analysis skills.

Technology

- Understand digital citizenship and dealing with cyberbullying.
- Demonstrate internet usage by sending and responding to email messages.
- Understand online personal communication and using digital collaboration tools.
- Demonstrate ethical use of digital resources and navigating the world wide web.
- Develop computational thinking through algorithmic problem solving, models, and simulations.
- Demonstrate overview of basic word processing by creating professional documents using visual design.
- Understand the use of MLA in formatting essays.
- Demonstrate basic slide show elements.

Art

- Apply an understanding of art processes such as lines, objects, shapes, color, hue, saturation, pattern, texture and creative thinking to plan and create art.
- Discuss the function of shape in everyday objects and recognize and demonstrate the use of exaggeration by enlarging and minimizing.
- Manipulate tools and materials to change textures (body pressure, overlapping of materials, etc.).
- Compare and contrast a real object with its abstracted shape and combine shapes to make an abstraction of a real object.
- Demonstrate the use of balance in a design: symmetry; asymmetry; radial.
- Use artistic media and expression to communicate points of view.
- Recognize and demonstrate the use of size, overlapping vertical placement, aerial perspective, and more/less detail to create the illusion of space.
- Incorporate foreground, middle ground, and background concepts in artwork.
- Develop evaluative criteria when responding to works of art through a review of the work of Chagall, Cezanne, and the Fauve movement.
- Understand different techniques associated with different cultural traditions.

Physical Education

- Demonstrate mature form for all basic locomotor, manipulative, and rhythmic skills.
- Demonstrate understanding of how to combine and apply movement concepts and principles to learn and develop motor skills applied in team and life-time sports like soccer, basketball, volleyball, track, gymnastics, and outdoor adventure activities.
- Understand and apply basic principles of training to improving physical fitness.
- Demonstrate understanding of skill-related components of fitness and how they affect physical performance, assess and take responsibility for personal behavior and choices.
- Connect the health-related fitness components to the body systems and God's creation.

- Choose to participate cooperatively and productively in group and Identify personal physical activity interests and abilities.
- Understand and utilize safe and appropriate warm-up, pacing, and cool-down techniques for injury prevention and safe participation.

Music - 5th grade students have the choice between choir, ukulele, and/or band but all students will focus on the following common objectives.

- Perform using enhanced musical techniques.
- Perform more complex rhythmic, melodic, and harmonic patterns.
- Improvise basic musical phrases and notate simple compositions.
- Analyze and apply dynamics, tempo, meter, and articulation using appropriate music vocabulary.
- Identification and analysis of aural and visual notations of musical forms.
- Analyze more complex instrumental and vocal examples.
- Comprehension and application of melodic, rhythmic, and harmonic patterns.
- Articulate the meaning in music according to elements, aesthetic qualities, and responses.

Choir

- Build upon their music literacy skills by singing more complicated songs and reading notation.
- Develop aural skills, sight-reading, and maintaining competency in recognizing music symbols.
- Perform a musical, which incorporates drama and movement into music.
- Vocally perform extended melodies from the treble staff using traditional notation.

Beginning Band and Ukulele

- Build upon their music literacy skills by learning to play a band instrument while putting music elements into practice.
- Instrumentally perform melodies from the treble and bass staff using traditional notation.

Math Pathways

Mathematics encompasses nearly every aspect of life. Through the appropriate biblical integration of math, students should see the character of God Himself as the God of order. Learning mathematical principles develops critical thinking, problem solving, reasoning, and evaluation skills - all important tools for making wise use of God's creation. Math is an opportunity to study God's perfect work and nature and His precision. We encourage students to apply the gifts that God has given them to work heartily as unto the Lord and to make an impact on society for God's kingdom. As future mathematicians, scientists, and engineers, we encourage our students to be accurate and orderly in their use of weights, measures and numbers. Mathematical study in a God-focused environment will develop hearts of praise and thanksgiving for God's goodness as Creator.

Math Pathways are in alignment with the Colorado Math Pathways defined by the Colorado Department of Higher Education. Quantitative Thinking Path presents concepts sequentially with some word problems. Statistics Path follows a spiral curriculum with increased word problems. Calculus Path is a spiral curriculum, increased word problems and working above one, or more, grade levels. Faith Christian Academy Math Pathways are continued on the Middle School Course Descriptions – Math Department

Math Pathway	<u>Quantitative Thinking Path</u>	<u>Statistics Path</u>	<u>Calculus Path</u>
Grade Level	On-Grade Level	Advanced Courses On-Grade Level	Advanced Courses Above-Grade Level
Kindergarten Course	---	Math K (Saxon)	---
1st Grade Levels & Courses	Math 1 + In-Class Extra Support (Saxon)	Math 1 (Saxon)	Advanced Math 1 (Saxon) + In-Class Supplemental & Math 2 (Select) (Saxon)
2nd Grade Levels & Courses	Math 2 + In-Class Extra Support (Saxon)	Math 2 (Saxon)	Advanced Math 2 (Saxon) + In-Class Supplemental & Math 3 (Select) (Saxon)
3rd Grade Courses	Math 3 + In-Class Extra Support (Saxon)	Math 3 (Saxon)	Math 3 (Summer) (Saxon) Math Advanced 3 Intermediate 4 (Saxon)
4th Grade Courses	Math 4 Intermediate 4 + In-Class Extra Support (Saxon)	Math 4 Intermediate 4 (Saxon)	Advanced Math 4 Intermediate 5 (Saxon)
5th Grade Courses	Math 5 Intermediate 5 + In-Class Extra Support (Saxon)	Math 5 Intermediate 5 (Saxon)	Advanced Math 5 Course 1 (Saxon)