



Fourth Grade
Curriculum at a Glance
for Parents

Grade Four Religion

The students will:

- Thank God for His creating and preserving might.
- Express appreciation to God for the blessings of rebirth in Baptism.
- Describe God as holy, just, and gracious.
- Pray for God's guidance in building Christian relationships.
- Acknowledge that God gives them power to forgive others.
- Rejoice that we have been restored to a peaceful relationship with God through Christ.
- Identify faith in Jesus as the only way to heaven.
- Acknowledge that Jesus, the Savior, is both true God and true man.
- Acknowledge that God desires all people to receive the gift of eternal life and salvation.
- Demonstrate reliance on God's strength when they are tempted to sin.
- Explain that Jesus' miracles demonstrated His power as God's Son.
- Identify the means through which God equips them to overcome Satan's power.
- Verbalize that they are saved by God's grace and not their own good deeds.
- Demonstrate an understanding of the meaning of the terms *grace* and *faith*.
- Discuss the four elements of prayer: confession, adoration, supplication, and thanksgiving.
- Demonstrate a desire to pray more often, confidently trusting in God's promises to hear and respond to their prayers.
- Evidence a desire for the spiritual food offered through God's Word.
- Acknowledge Jesus as omniscient, omnipotent, and omnipresent.
- Confess their sins to God, trusting that He will forgive them because of the saving work of His Son, Jesus.
- Express their love for God in acts of service to other people.
- Rejoice that they are justified through Jesus' life, death, and resurrection.
- Demonstrate a desire to trust God for help, strength, and forgiveness.
- Acknowledge that at Easter Jesus proclaimed His victory over sin, death, and the power of the devil.
- Express reliance on Jesus' presence and the power of the Holy Spirit for the courage and ability to witness the Christian faith in their daily lives.
- Acknowledge the communion of saints as a special blessing from God.
- Realize that God gives them faith and a change of heart so that they may live as His children.
- Express reliance on the power of the Holy Spirit to remain firm in their faith, knowing that even persecution and opposition can lead to further opportunities to spread the Gospel.

Grade Four English & Language Arts

Literature

The student will...

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine a theme of a story, drama, or poem from details in the text; summarize the text.
- Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text.
- Determine the meaning of words and phrases as they are used in a text, including those that allude to significant characters found in mythology.
- Explain major differences between poems, drama, and prose, and refer to the structural elements of poems and drama when writing or speaking about a text.
- Compare and contrast the point of view from which different stories are narrated, including the difference between first- and third-person narrations.
- Make connections between the text of a story or drama and a visual or oral presentation of the text, identifying where each version reflects specific descriptions and directions in the text.
- Compare and contrast the treatment of similar themes and topics and patterns of events in stories, myths, and traditional literature from different cultures.
- By the end of the year read and comprehend literature, including stories, dramas, and poetry, at the high end of the grades 4–5 text complexity band independently and proficiently, with scaffolding as needed at the high end of the range.

Informational Text

- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine the main idea of a text and explain how it is supported by key details; summarize the text.
- Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
- Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.
- Describe the overall structure of events, ideas, concepts, or information in a text or part of a text.
- Compare and contrast a firsthand and secondhand account of the same event or topic; describe the differences in focus and the information provided.
- Interpret information presented visually, orally, or quantitatively and explain how the information contributes to an understanding of the text in which it appears.
- Explain how an author uses reasons and evidence to support particular points in a text.
- Integrate information from two texts on the same topic in order to write or speak about the subject knowledgeably.
- By the end of year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4–5 text complexity band proficiently, with scaffolding as needed at the high end of the range.

Grade Four English & Language Arts

Foundational Skills

- Know and apply grade-level phonics and word analysis skills in decoding words. Use combined knowledge of all letter-sound correspondences, syllabication patterns, and morphology to read accurately unfamiliar multisyllabic words in context and out of context.
- Read with sufficient accuracy and fluency to support comprehension.
 - Read on-level text with purpose and understanding.
 - Read on-level prose and poetry orally with accuracy, appropriate rate, and expression on successive readings.
 - Use context to confirm or self-correct word recognition and understanding, rereading as necessary.

Writing Standards

- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
 - Introduce a topic or text clearly, state an opinion, and create an organizational structure in which related ideas are grouped to support the writer's purpose.
 - Provide reasons that are supported by facts and details.
 - Link opinion and reasons using words and phrases.
 - Provide a concluding statement or section related to the opinion presented.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
 - Introduce a topic clearly and group related information in paragraphs and sections; include formatting, illustrations, and multimedia when useful to aiding comprehension.
 - Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.
 - Link ideas within categories of information using words and phrases.
 - Use precise language and domain-specific vocabulary to inform about or explain the topic.
 - Provide a concluding statement or section related to the information or explanation presented.
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.
 - Orient the reader by establishing a situation and introducing a narrator and/or characters; organize an event sequence that unfolds naturally.
 - Use dialogue and description to develop experiences and events or show the responses of characters to situations.
 - Use a variety of transitional words and phrases to manage the sequence of events.
 - Use concrete words and phrases and sensory details to convey experiences and events precisely.
 - Provide a conclusion that follows from the narrated experiences or events.
- Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.
- With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing.
- With some guidance and support from adults, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of one page in a single sitting.

Grade Four English & Language Arts

- Conduct short research projects that build knowledge through investigation of different aspects of a topic.
- Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
- Draw evidence from literary or informational texts to support analysis, reflection, and research.
 - Apply grade 4 Reading standards to literature.
 - Apply grade 4 Reading standards to informational texts.
- Write routinely over extended time frames and shorter time frames for a range of discipline-specific tasks, purposes, and audiences.

Speaking and Listening Standards

- Engage effectively in a range of collaborative discussions with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.
 - Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.
 - Follow agreed-upon rules for discussions and carry out assigned roles.
 - Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.
 - Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.
- Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.
- Identify the reasons and evidence a speaker provides to support particular points.
- Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.
- Add audio recordings and visual displays to presentations when appropriate to enhance the development of main ideas or themes.
- Differentiate between contexts that call for formal English and situations where informal discourse is appropriate; use formal English when appropriate to task and situation.

Language Standards

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
 - Use relative pronouns and relative adverbs.
 - Form and use the progressive verb tenses.
 - Use modal auxiliaries to convey various conditions.
 - Order adjectives within sentences according to conventional patterns.
 - Form and use prepositional phrases.
 - Produce complete sentences, recognizing and correcting inappropriate fragments and run-ons.
 - Correctly use frequently confused words.
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

Grade Four English & Language Arts

- Use correct capitalization.
- Use commas and quotation marks to mark direct speech and quotations from a text.
- Use a comma before a coordinating conjunction in a compound sentence.
- Spell grade-appropriate words correctly, consulting references as needed.
- Use knowledge of language and its conventions when writing, speaking, reading, or listening.
 - Choose words and phrases to convey ideas precisely.
 - Choose punctuation for effect.
 - Differentiate between contexts that call for formal English and situations where informal discourse is appropriate.
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.
 - Use context as a clue to the meaning of a word or phrase.
 - Use common, grade-appropriate Greek and Latin affixes and roots as clues to the meaning of a word.
 - Consult reference materials, both print and digital, to find the pronunciation and determine or clarify the precise meaning of key words and phrases.
- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.
 - Explain the meaning of simple similes and metaphors in context.
 - Recognize and explain the meaning of common idioms, adages, and proverbs.
 - Demonstrate understanding of words by relating them to their opposites and to words with similar but not identical meanings.
- Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases, including those that signal precise actions, emotions, or states of being and that are basic to a particular topic

Grade Four Mathematics

Operations and Algebraic Thinking

The students....

- Interpret a multiplication equation as a comparison. Represent verbal statements of multiplicative comparisons as multiplication equations.
- Multiply or divide to solve word problems involving multiplicative comparison, distinguishing multiplicative comparison from additive comparison.
- Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.
- Find all factor pairs for a whole number in the range 1–100. Recognize that a whole number is a multiple of each of its factors. Determine whether a given whole number in the range 1–100 is a multiple of a given one-digit number. Determine whether a given whole number in the range 1–100 is prime or composite.
- Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself. Explain informally why the numbers will continue to alternate in this way.

Number and Operations in Base Ten

- Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.
- Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.
- Use place value understanding to round multi-digit whole numbers to any place.
- Fluently add and subtract multi-digit whole numbers using the standard algorithm.
- Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.
- Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

Grade Four Mathematics

Number and Operations-Fractions

- Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$ by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions.
- Compare two fractions with different numerators and different denominators, or by comparing to a benchmark fraction such as $1/2$. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with symbols $>$, $=$, or $<$, and justify the conclusions.
- Understand a fraction a/b with $a > 1$ as a sum of fractions $1/b$.
 - Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.
 - Decompose a fraction into a sum of fractions with the same denominator in more than one way, recording each de-composition by an equation. Justify decompositions.
 - Add and subtract mixed numbers with like denominators and/or by using properties of operations and the relationship between addition and subtraction.
 - Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators.
- Apply and extend previous understandings of multiplication to multiply a fraction by a whole number.
 - Understand a fraction a/b as a multiple of $1/b$.
 - Understand a multiple of a/b as a multiple of $1/b$, and use this understanding to multiply a fraction by a whole number.
 - Solve word problems involving multiplication of a fraction by a whole number.
- Express a fraction with denominator 10 as an equivalent fraction with denominator 100, and use this technique to add two fractions with respective denominators 10 and 100.²³
- Use decimal notation for fractions with denominators 10 or 100.
- Compare two decimals to hundredths by reasoning about their size. Recognize that comparisons are valid only when the two decimals refer to the same whole. Record the results of comparisons with the symbols $>$, $=$, or $<$, and justify the conclusions.

Measurement and Data

- Know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec. Within a single system of measurement, express measurements in a larger unit in terms of a smaller unit. Record measurement equivalents in a two-column table. For example, know that 1 ft is 12 times as long as 1 in. Express the length of a 4 ft snake as 48 in. Generate a conversion table for feet and inches listing the number pairs (1, 12), (2, 24), (3, 36),
- Use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects, and money, including problems involving simple fractions or decimals, and problems that require expressing measurements given in a larger unit in terms of a smaller unit. Represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale.
- Apply the area and perimeter formulas for rectangles in real world and mathematical problems.

Grade Four Mathematics

- Make a line plot to display a data set of measurements in fractions of a unit ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$). Solve problems involving addition and subtraction of fractions by using information presented in line plots.
- Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement:
 - An angle is measured with reference to a circle with its center at the common endpoint of the rays, by considering the fraction of the circular arc between the points where the two rays intersect the circle. An angle that turns through $\frac{1}{360}$ of a circle is called a —one-degree angle, and can be used to measure angles.
 - An angle that turns through n one-degree angles is said to have an angle measure of n degrees.
- Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.
- Recognize angle measure as additive. When an angle is decomposed into non-overlapping parts, the angle measure of the whole is the sum of the angle measures of the parts. Solve addition and subtraction problems to find unknown angles on a diagram in real world and mathematical problems.

Geometry

- Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.
- Classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size. Recognize right triangles as a category, and identify right triangles.
- Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts. Identify line-symmetric figures and draw lines of symmetry.

Grade Four Social Studies

History

The student...

- Frame historical questions
- Recognize historical perspectives
- Analyze multiple perspectives
- Recognize source and context for primary sources
- Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
- Explain events, procedures, ideas, or concepts in a historical, scientific, or technical text, including what happened and why, based on specific information in the text.
- Determine the meaning of general academic and domain-specific words or phrases in a text relevant to a grade four topic or subject area.
- Describe the overall structure of events, ideas, concepts, or information in a text or part of a text.
- Compare and contrast a firsthand and secondhand account of the same event or topic; describe the differences in focus and the information provided.
- Write informative/explanatory text to examine a topic and convey ideas and information clearly.
- Draw evidence from literary or informational texts to support analysis, reflection, and research.
- Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.

Civics/Government

- Demonstrate cooperation and compromise in roles of leadership and participation
- Exhibit good citizenship skills, such as, showing respect, being responsible, having a positive attitude, exercising self-discipline, and engaging in conflict resolution.
- Engage effectively in a range of collaborative discussions with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.
- Follow agreed-upon rules for discussions and carry out assigned roles.

Geography

- Read various types of maps for grid systems, symbols, legends, scales, compass rose, cardinal directions, longitude, latitude, and hemisphere
- Use data source as a tool
- Find absolute and relative location
- Demonstrate mental mapping skills
- examines natural resource challenges and ways people have developed solutions as they use renewable and nonrenewable resources

Economics

- Explain the production, distribution, and consumption of a product
- Determine opportunity cost decisions in different regions
- Define characteristics of a market economy
- Define goods, services, consumers, economy, cost/benefit

Grade Four Science

Energy

The Student:

- Use evidence to construct an explanation relating the speed of an object to the energy of that object.
- Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
- Ask questions and predict outcomes about the changes in energy that occur when objects collide.
- Apply scientific ideas to design, test, and refine a device that converts energy from one form to another.

Waves and their Applications in Technologies for Information Transfer

- Develop a model of waves to describe patterns in terms of amplitude and wavelength and that waves can cause objects to move.
- Develop a model to describe that light reflecting from objects and entering the eye allows objects to be seen.
- Generate and compare multiple solutions that use patterns to transfer information.

From Molecules to Organisms: Structures and Processes

- Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.
- Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.

Earth's Place in the Universe

- Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.

Earth's Systems

- Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.
- Analyze and interpret data from maps to describe patterns of Earth's features.

Earth and Human Activity

- Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.
- Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.