

CHRIST EPISCOPAL SCHOOL SECOND GRADE CURRICULUM

LANGUAGE ARTS

Phonics

1. Demonstrate phonological awareness by:
 - a. Producing a series of rhyming words.
 - b. Distinguishing between long and short vowel; sounds in one-syllable and multi—syllable words.
 - c. Recognizing the change in spoken word when a specified phoneme is added, changed, or removed; Manipulating phonemes within base words.
2. Demonstrate and apply phonetic knowledge by:
 - a. Decoding words with short, long, or variant vowels.
 - b. Decoding words with silent letters such as knife and gnat.
 - c. Decoding multisyllabic words with closed syllables; open syllables; VCe syllables; vowel teams, including digraphs and diphthongs; r-controlled syllables; and final stable syllables.
 - d. Decoding compound words, contractions, and common abbreviations.
 - e. Decoding words using knowledge of syllable division patterns such as VCCV, VCV, and VCCCV.
 - f. Decoding words with prefixes, including un-, re-, dis-, and inflectional endings, including –s, -es, -ed, -ing, -er, and –est.
 - g. Identifying and reading high-frequency words from a research-based list.
3. Connect phonics rules to spelling words.

Reading

1. Read grade-appropriate, self-selected texts independently for a sustained period of time.
2. Show evidence of fluency (rate, accuracy, rhythm, and intonation) when reading grade-level or above text.
3. Establishing purpose for reading assigned and self-selected texts.
4. Generate questions about text before, during, and after reading to enhance understanding and gain information.
5. Make and correct or confirm predictions using text features, characteristics of genre, and structures.
6. Create mental images.
7. Make connections to personal experiences, ideas in other texts, and society.
8. Make inferences to support understanding.
9. Recall and evaluate details to determine key ideas that support the main idea.
10. Monitor comprehension and make adjustments such as re-reading, using background knowledge, checking for visual cues, and asking questions.
11. Write brief comments on literary or informational texts that demonstrate understanding.
12. Retell and paraphrase texts in ways that maintain meaning and logical order.

13. Discuss topics and determine theme with adult assistance.
14. Describe the main character's internal and external traits.
15. Describe and understand plot elements, including the main events, the conflict, and the resolution.
16. Describe the importance of the setting.
17. Determine correct sequence and order of events.
18. Demonstrate knowledge of distinguishing characteristics of folktales, fables, and fairy tales.
19. Discern make-believe from reality.
20. Explain visual patterns and structures in a variety of poems.
21. Discuss elements of drama such as characters, dialogue, and setting.
22. Recognize the central idea and supporting evidence (with adult assistance) of informational text.
23. Use graphs to gain information.
24. Recognize organizational patterns such as chronological order and cause and effect.
25. Identify and understand the author's purpose for writing text.
26. Recognize the author's use of descriptive, literal, and figurative language such as metaphors and onomatopoeia.
27. Identify the use of first or third person in a text.
28. Demonstrate thinking and problems solving skills using compare/contrast, context clues, and cause and effect.
29. Identify metaphors and onomatopoeia.
30. Visit school, city and university libraries.
31. Extensive reading from a variety of genre.
32. Determine the meaning of a given word with multiple-meanings.
33. Provide support for conclusions.

Writing and Grammar

1. Recognize and write each of the four sentence types.
2. Create elaborate sentences.
3. Write narrative, explanatory, descriptive, and persuasive paragraphs.
4. Organize thoughts, using graphic organizer to plan writing.
5. Demonstrate use of the writing process with pre-writing, revising, editing, and publishing.
6. Recognize subject-verb agreement.
7. Identify present, past, and future tense.
8. Identify subject and predicate of sentences.
9. Identify eight parts of speech.
10. Understand the concept of singular, plural, and possessive nouns and pronouns.
11. Demonstrate correct use of punctuation and capitalization of proper nouns including days of the week, months of the year, abbreviations, initials, titles, salutation and conclusion of a letter.
12. Write personal letters and thank you notes.
13. Identify topic sentences and main ideas of paragraphs.
14. Determine topic relevance.

15. Determine extraneous information.
16. Engage in formal and informal inquiry and research by:
 - a. Generating questions for research with adult assistance.
 - b. Developing and following a research plan with adult assistance.
 - c. Identifying and gathering relevant sources and information to answer questions;
 - d. Identifying primary and secondary sources.
 - e. Demonstrating understanding in information gathered.
 - f. Citing sources appropriately.
 - g. Using an appropriate mode of delivery, whether written, oral, or multimodal, to present results.

Listening and Speaking

1. Respond appropriately and courteously to directions and questions.
2. Listen to and follow multiple oral directions.
3. Ask relevant questions to clarify information, and answer questions using multi-word responses.
4. Share information and ideas that focus on the topic under discussion, speaking clearly at an appropriate pace.
5. Work collaboratively with others by following agreed-upon rules for discussion.
6. Compare language and oral traditions (family stories) that reflect customs, regions, and cultures.
7. Use effective listening skills in order to write dictated sentences.
8. Identify meanings of spoken words.
9. Determine explicit supporting details in material listened to for enjoyment.
10. Determine explicit sequence or action in material listened to for information.
11. Determine implicit causes or effect of events or ideas.
12. Extract implicit main idea or theme from material listened to in everyday life or for enjoyment.
13. Determine implicit details, plot, sequence, or action.
14. Interpret purpose, assumptions, or implicit ideas in material listened to for information.

Word Work and Spelling

1. Use newly acquired vocabulary correctly and expressively.
2. Use print or digital resources to determine meaning, pronunciation, and parts of speech of unknown words.
3. Identify, use, and explain the meaning of antonyms, synonyms, idioms, and homographs in context.
4. Identify the meaning of and use words with affixes un-, re-, -ly, -er, and -est (comparative and superlative), and -ion/tion/sion.
5. Alphabetize a series of words and use a dictionary or glossary to find words.
6. Relate consonant sounds to their most common spellings.
7. Relate vowel sounds to their most common spellings.
8. Write creative and dictated sentences using spelling words.
9. Identify and use spelling rules for adding suffixes to root words.

10. Recognize a synonym for printed word.
11. Use context clues to assign meaning to an unknown word.
12. Recognize the correct spelling for sight words.
13. Apply phonetic principles to recognize incorrect spelling of phonemes.

MATH

Numbers, Operations, and Quantitative Reasoning

1. Master + and – facts to 18.
2. Learn doubles facts.
3. Use 2 – 3 place operations with and without regrouping.
4. Use a number line for estimating, calculating.
5. Extend understanding of addition to multiplication and division concepts.
6. Use <, >, and = symbols.
7. Recognize number words to 100; write number words to 20.
8. Understand concept of whole numbers and fractions.
9. Use mental math in addition and subtraction of one digit numbers and tens.
10. Identify a number sentence representing the inverse operation of a given number.
11. Identify and use field properties of addition and multiplication.
12. Addition and subtraction of whole numbers.

Patterns, Algebraic Thinking, and Problem Solving

1. Use skip counting 2, 3, 4, 5, 10, 25, and 100.
2. Develop a plan for solving word problems. Identify clue words, data, and extraneous information. Write the problem, compute the answer.
3. Use math strategies to solve problems with single and double digits.
4. Solve problems using place value concepts.
5. Identify missing elements in a numerical pattern.
6. Read and interpret tables and graphs.
7. Solve problems involving the concept of weight.
8. Learn addition and subtraction facts.

Geometry and Spatial Reasoning

1. Identify 2 and 3D shapes.
2. Understand symmetry and congruence.
3. Identify reflection and rotation of geometric shapes.
4. Use whole numbers to locate and name points on a line in coordinate pairs.
5. Identify picture patterns using color, size, shape and rotation.
6. Demonstrate understanding of perimeter and area, vertical and horizontal.

Measurement

1. Choose appropriate tools for measuring length, weight, temperature, time, liquids.
2. Tell time with minutes.

3. Estimate or measure time using analog clocks.
4. Make change with real money.
5. Use standard and non-standard units of measurement.
6. Use calendar.
7. Compare the value of sets of coins.
8. Estimate or measure temperature using customary or metric units.

Classification and Data

1. Create and interpret graphs, tables, and charts.
2. Predict more or less likely from graph information.
3. Record data for tables and graphs.
4. Use Venn diagrams.

SCIENCE

Scientific Investigation and Reasoning

1. Identify, describe, and demonstrate safe practices as outlined in Texas Education Agency-approved safety standards during classroom and outdoor investigations, including wearing safety goggles or chemical splash goggles, as appropriate, washing hands, and using materials appropriately.
2. Identify and demonstrate how to use, conserve, and dispose of natural resources and materials such as conserving water and reuse or recycling of paper, plastic, and metal.
3. Ask questions about organisms, objects, and events during observations and investigations.
4. Plan and conduct descriptive investigations.
5. Collect data from observations using scientific tools.
6. Record and organize data using pictures, numbers, and words.
7. Communicate observations and justify explanations using student-generated data from simple descriptive investigations.
8. Compare results of investigations with what students and scientists know about the world.
9. Identify and explain a problem and propose a task and solution for the problem.
10. Make predictions based on observable patterns.
11. Identify what a scientist is and explore what different scientists do.
12. Collect, record, and compare information using tools, including computers, hand lenses, rulers, plastic beakers, magnets, collecting nets, notebooks, and safety goggles or chemical splash goggles, as appropriate; timing devices; weather instruments such as thermometers, wind vanes, and rain gauges; and materials to support observations of habitats of organisms, such as terrariums and aquariums.
13. Measure and compare organisms and objects.

Matter and Energy

1. Classify matter by physical properties, including relative temperature, texture, flexibility, and whether material is a solid or liquid.
2. Compare changes in materials caused by heating and cooling.
3. Demonstrate that things can be done to materials such as cutting, folding, sanding, and melting to change their physical properties.
4. Combine materials that when put together can do things that they cannot do by themselves such as building a tower or a bridge and justify the selection of those materials based on their physical properties.

Force, Motion, and Energy

1. Investigate the effects on objects by increasing or decreasing amounts of light, heat, and sound energy such as how the color of an object appears different in dimmer light or how heat melts butter.
2. Observe and identify how magnets are used in everyday life.
3. Trace and compare patterns of movement of objects such as sliding, rolling, and spinning over time.

Earth and Space

1. Observe, describe, and compare rocks by size, texture, and color.
2. Identify and compare the properties of natural sources of freshwater and saltwater; and
3. Distinguish between natural and manmade resources.
4. Measure, record, and graph weather information, including temperature, wind conditions, precipitation, and cloud coverage, in order to identify patterns in the data.
5. Identify the importance of weather and seasonal information to make choices in clothing, activities, and transportation.
6. Observe, describe, and record patterns of objects in the sky, including the appearance of the Moon.

Organisms and Environment

1. Identify the basic needs of plants and animals.
2. Identify factors in the environment, including temperature and precipitation, that affect growth and behavior such as migration, hibernation, and dormancy of living things; and
3. Compare the ways living organisms depend on each other and on their environments such as through food chains.
4. Observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs.
5. Observe, record, and compare how the physical characteristics of plants help them meet their basic needs such as stems carry water throughout the plant.
6. Investigate and record some of the unique stages that insects such as grasshoppers and butterflies undergo during their life cycle.

SOCIAL STUDIES

Citizenship

1. Identifies characteristics of good citizenship, including truthfulness, justice, equality, respect for oneself and others, responsibility in daily life, and participation in government by educating oneself about the issues and holding public officials to their word, and voting.
2. Identify historical figures and other individuals who have exemplified good citizenship such as Paul Revere, Abigail Adams, World War II Women Airforce Service Pilots (WASPs), Navajo Code Talkers, and Sojourner Truth.
3. Identify ways to actively practice good citizenship, including involvement in community service.
4. Recite the Pledge of Allegiance to the United States Flag, and the pledge to the Texas Flag.
5. Sing, recite, or identify selected patriotic songs, including “The Star-Spangled Banner” and “America the Beautiful”.
6. Identify symbols such as state and national birds and flowers.
7. Identify how selected symbols, customs, and celebrations reflect an American love of individualism, inventiveness, and freedom.

Culture

1. Identify the significance of various ethnic and/or cultural celebrations.
2. Compare ethnic and/or celebrations.

History

1. Explain the significance of various community, state, and national celebrations such as Veterans Day, Memorial Day, Independence Day, and Thanksgiving.
2. Identify and explain the significance of various community, state, and national landmarks, such as monuments and government buildings.
3. Identify contributions of historical figures, including Thurgood Marshall, Irma Rangel, and Theodore Roosevelt, who have influenced the state and nation.
4. Describe how people and events have influenced community history.

Geography

1. Identify and use information on maps and globes using basic map elements such as title, cardinal directions, and legend.
2. Identify major landforms and bodies of water, including each of the seven continents and each of the oceans, on maps and globes.
3. Identify ways in which people have modified the physical environment such a clearing land, building roads, using land for agriculture, and drilling for oil.
4. Identify consequences of human modification of the physical environment.
5. Identify ways people can conserve and replenish Earth’s resources.

Economics

1. Understand the value of work.
2. Explain how work provides income to purchase goods and services.

3. Explain the choices people can make about earning, spending, and saving money.
4. Distinguish between producing and consuming.
5. Identify ways in which people are both producers and consumers.
6. Trace the development of a product from a natural resource to a finished product.

Government

1. Understands the purpose of government.
2. Identify functions of governments such as establishing order, providing security, and managing conflict.
3. Identify governmental services in the community such as police and fire protection, libraries, schools, and parks; explain their value to the community.
4. Name current public officials, including mayor, governor, and president.
5. Compare the roles of public officials, including mayor, governor, and president.
6. Identify ways that public officials are selected, including elections and appointment of office.
7. Identify how citizens participate in their own governance through staying informed of what public officials are doing, providing input to them, and volunteering to participate in government functions.

Science, Technology, and Society

1. Understand how science and technology have affected life, past and present.
2. Describe how science and technology have affected communication, transportation, and recreation.
3. Explain how science and technology have affected the ways in which people meet basic needs.
4. Identify individuals who exhibited individualism and inventiveness, such as Amelia Earhart and George Washington Carver.

Social Studies Skills

1. Gather information about a topic using a variety of valid oral and visual sources such as interviews, music, pictures, maps, and artifacts.
2. Interpret oral, visual, and print material by sequencing, categorizing, identifying the main idea, predicting, comparing and contrasting.
3. Describe the order of events by using designations of time periods such as historical and present times.
4. Apply vocabulary related to chronology, including past, present, and future.
5. Create and interpret timelines for events in the past and present.
6. Use social studies terminology correctly.
7. Express ideas orally based on knowledge and experiences.
8. Create written and visual material such as stories, maps, and graphic organizers to express ideas.
9. Use problem-solving skills and decision-making skills to identify a problem, gather information, list and consider options, consider advantages, choose and implement a

solution, and evaluate the effectiveness of the solution (work independently and with others).

ART

Perception

1. Develop and organize ideas from the environment.
2. Identify variations in objects and subjects from the environment, using the senses.
3. Identify art elements such as color, texture, form, line, and space and art principles such as emphasis, pattern, and rhythm.
4. Able to recognize and describe similarities of lines in works of art.
5. Able to recognize and identify similar shapes in works of art.
6. Able to identify primary and secondary colors.
7. Able to identify tints and shades of a color.
8. Able to identify subject and background in a work of art.
9. Able to identify objects in art works that appear near or far (foreground and background).
10. Able to describe forms in art works using basic terms (rounded, angular, large, small, etc.).
11. Able to recognize patterns in works of art.
12. Able to recognize textures in works of art.
13. Understand basic printmaking concept.

Creative Expression and Skills

1. Express ideas through original artworks, using a variety of media with appropriate skill.
2. Create effective compositions, using design elements and principles.
3. Identify and practice skills necessary for producing drawings, paintings, prints, constructions, and modeled forms.
4. Able to make lines using a variety of media (pencils, crayons, pastels, markers, watercolor and tempera paint). Use a variety of lines in their own art work.
5. Able to draw and paint basic geometric shapes. Use a variety of shapes in their own art work.
6. Able to mix primary colors to make secondary colors. Use a variety of colors.
7. Able to create a monochromatic color scheme.
8. Able to cut and glue basic geometric shapes from paper.
9. Able to combine shapes to make more complex images.
10. Able to produce basic forms from clay or other modeling media.
11. Able to draw and paint lines, shapes, or colors that repeat to make patterns.
12. Able to draw and paint visual textures.
13. Able to incise lines in clay or other modeling media for actual texture.
14. Able to print with fun foam plates.

Activities

1. Figure drawing – action poses.

2. Crayon resist paintings.
3. Carnival oil pastels.
4. Expression drawings.
5. Leaf prints.
6. Fall still life.
7. Fun foam prints.
8. Bamboo paintings.
9. Value paintings with tints and shades.
10. Clay figures with incised or impressed textures.
11. Easter eggs with patterns.
12. Mother's Day pop-up cards.
13. Pet pictures.
14. Pattern out of alphabets.

CHRISTIAN EDUCATION

Songs

1. Participate in singing basic Bible songs. Students are reminded that when they sing, they are praising God.

Christian Concept

1. Learn and discuss the meaning of each of the Ten Commandments.
2. Begin to navigate the Bible.
3. Learn about the major sections of the Old Testament.
4. Learn that the Old Testament is larger and in the front of the Bible and the New Testament is smaller and in the back.
5. Learn about Hero of the Month, Fruit of the Spirit, and Courtesy of the Week.

Scripture Lesson

1. Listen to a Bible story and discuss its meaning and life application (SAES curriculum).
2. Follow a three year cycle of Episcopal Church curriculum.
3. Participate in a craft or puzzle related to Bible story.
4. Locate scripture reading using book name, chapter number, and verse number.
5. Take turns reading the verses of a scripture reading and then participate in a discussion of its meaning and of its life application.

Prayer

1. Pray at the beginning of each class.
2. Learn the five parts of prayer: praise, thanksgiving, forgiveness, prayers for others, and prayers for self.
3. Share prayers in each category.

Special Projects

1. Canned, boxed food items for project H.O.P.E.
2. Operation Christmas Child.
3. Lenten project for local charity.
4. Grade level service learning project and field trip.

LIBRARY

Library Skills

1. Review library rules and circulation procedures, including the use of book markers and how we care for books.
2. Learn parts of a book.
3. Introduce library organization such as location of books on shelves and discuss basic information concerning the automated card catalog.
4. Place emphasis on Caldecott Award Books and Texas 2X2 Books.
5. Practice identifying story elements such as plot, setting, character development, and theme and work to understand their use in a story.
6. Move into chapter books.
7. Understand the difference between fiction and non-fiction.
8. Explore the common features of informational texts.
9. Listen to a variety of stories, poems, and texts read aloud from a variety of genres and points-of-view.
10. Make text-to-text, text-to self, and text-to-world connections.
11. Learn how to select appropriate reading material for independent reading based on reading level, interest, and purpose, and they will be encouraged to explore a variety of genres.

MUSIC

Theory

1. Recognize, name, and draw musical symbols.
2. Distinguish between melody and harmony.

Voice

1. Sing in a round.

Instrument and History

1. Identify and echo rhythmic patterns on rhythm instruments.
2. Identify music of composers of well-known pieces.

Creative Expression and Performance

1. Continue learning songs by rote.

PE

Movement

1. Travel independently in a large group while safely and quickly changing speed and direction.
2. Demonstrate skills of chasing, fleeing, and dodging to avoid or catch others.
3. Combine shapes, levels, and pathways into simple sequences.
4. Demonstrate mature form in walking, hopping, and skipping.
5. Demonstrate balance in symmetrical and non-symmetrical shapes from different basis of support.
6. Demonstrate a variety of relationships in dynamic movement situations such as under, over, behind, next to, through, right, left, up, or down.
7. Demonstrate simple stunts that exhibit personal agility such as jumping-one and two foot takeoffs and landing with good control.
8. Demonstrate smooth transition from one body part to the next in rolling activities such as side roll, log roll, balance/curl, and roll/balance in a new position.
9. Demonstrate control weight transfers such as feet to hands with controlled landing and feet to back.
10. Demonstrate the ability to mirror a partner.
11. Jump a self-turned rope repeatedly.
12. Demonstrate on cue key elements of hand dribble, foot dribble, kick and strike such as striking balloon or ball with hand.
13. Recognize that attention to the feeling of movement is important in motor skill development.
14. Identify similar movement concepts and terms in a variety of skills such as straddle position, ready position, and bending knees to absorb force.

Physical Activity and Health

1. Describe and select physical activities that provide opportunities for enjoyment and challenge.
2. Participate in moderate to vigorous physical activities on a daily basis that cause increased heart rate, breathing rate, and perspiration.
3. Participate in appropriate exercises for flexibility in shoulders, legs, and trunk;
4. Lift and support his/her own weight in selected activities that develop muscular strength and endurance of the arms, shoulders, abdomen, back, and legs such as hanging, hopping, and jumping.
5. Describe the benefits from involvement in daily physical activity such as feel better and sleep better.
6. Observe and describe the immediate effect of physical activity on the heart and breathing rate and perspiration.
7. Locate the lungs and explain their purpose.
8. State that rest and sleep are important in caring for the body.
9. Use equipment and space properly.

10. Know and apply safety practices associated with physical activity such as not pushing in line and drinking water during activity.
11. Explain how proper shoes and clothing promotes safe play and prevent injury.
12. Explain appropriate water safety rules such as never swim alone, never run around pools, look before you jump, enter feet first, and know the role of the lifeguard; and
13. Explain appropriate reactions during emergencies in physical activities.

Social Development

1. Respond appropriately to starting and stopping signals.
2. Demonstrate the ability to play within boundaries during games and activities.
3. Follow rules, procedures, and safe practices.
4. Work in a group setting in cooperation with others.
5. Share space and equipment with others.

SPANISH

Vocabulary

1. Learn numbers 20 – 50; community words.
2. Rooms in a home.
3. Parts of body.
4. Days of week.
5. Months of the year.
6. Expand classroom vocabulary.
7. Family words.
8. Clothing.
9. Expand food vocabulary.

Conversation, Reading, and Writing

1. Read written vocabulary.
2. Spell words correctly.
3. Draw, label, and write short story about family in Spanish.
4. Begin spelling with accuracy.

Activities

1. Crossword puzzles, Scrabble in Spanish.
2. Locate Mexico and important cities on map.
3. Learn about and celebrate Three Kings Day (as celebrated in Spain).

TECHNOLOGY

Basic Computer Concepts and Operations

1. Identify the main parts of the computer (keyboard, monitor, mouse, tower, headphones, stylus, and drawing tablet).
2. Use mouse correctly (drag, click, right click, left click, double click).
3. Place the cursor at a specific location on the screen.
4. Launch/open and close computer programs.
5. Open and close Internet applications.
6. Login and logout of computer properly.
7. Print files under teacher direction.
8. Toggle between two different programs.

Technology Productivity and Keyboarding

1. Use correct posture.
2. Locate and use letters, numbers, etc.
3. Identify and locate special keys such as, enter, spacebar, caps lock, shift keys.
4. Introduce home row and correct finger placement.
5. Use proper finger for each key.

Internet Skills

1. Use a web browser.
2. Use teacher directed web based activities on topics of study.
3. Add sites to favorites.

Social, Ethical, and Human Issues

1. Discuss and comply with network use & Internet policy.
2. Demonstrate appropriate computer etiquette.
3. Respect the privacy of all users.
4. Use appropriate judgement upon entering Internet sites.
5. Know and practice good Internet safety techniques.

Word Processing

1. Open and exit word processing application.
2. Type first name, ABCs, numbers, and simple words.
3. Use the delete and backspace keys appropriately.
4. Perform basic formatting tasks (change font, style, color, bold, italic, underline, alignment, etc).
5. Insert clipart and graphics from online sources.
6. Type short writing pieces with one space between words and after sentences.
7. Use the return and tab keys appropriately.
8. Use simple text editing skills
9. Use spell check.
10. Select and deselect text to make changes.

Graphics

1. Open and exit graphics application.

2. Select and use different colors.
3. Erase part of an image in a paint program.
4. Use tools to create shapes and lines.
5. Select and use different line widths and styles.
6. Delete an object in a paint program.
7. Enter and modify text in a paint program.
8. Magnify to enlarge and reduce the view of a graphic.
9. Customize a color palette.
10. Resize and reposition an object.

Computer Science Fundamentals

1. Learn the basics of programming using commands like loops and events.
2. Investigate different problem-solving techniques.
3. Persist in the face of difficult tasks.
4. Solve more complex puzzles utilizing critical thinking skills.
5. Translate initials into binary code.