

Rosslyn Academy

Grade 2



Program Overview with Selected Sample Objectives

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In Grade 2, six quality literature books are the core for reading, writing, speaking, and listening. Comprehension and vocabulary skills continue to grow. The core stories also allow integration of Biblical principles, science, social studies, health, art, and other subjects.

With *Six Traits Writing*, students are able to focus on one area of writing at a time. The six traits of writing are: Ideas, Organization, Voice, Word Choice, Sentence Fluency, and Conventions.

Math skills are developed using Harcourt Brace and Company's *Mathematics PLUS* textbook. Word problems and thinking questions are an important part of math instruction at Rosslyn.

Full Option Science System (FOSS) utilizes hands-on activities and inquiry-based learning in science. Students will hike Mt. Longonot, furthering their knowledge and experience regarding volcanoes, in this all day field trip.

The focus of our social studies curriculum is on the varieties of landforms around the world and the inhabitants (human and animal) residing there. Units of study include plains/grasslands, deserts, mountain regions, and forests of the world.

Grade 2 studies Doctrine of the Bible under the theme Christ and His Word. We encourage children to use their personal NIV (*New International Version*) Bible, provided by Rosslyn Academy, for both home and school reading.

Specialists teach your child a second language (either Kiswahili or Korean), as well as art, music, physical education, science, computer and library skills. Each teacher has a vital part in your child's week.

Bible

Effective learning of Biblical principles, resulting in life change, is fully dependent upon the work of the Holy Spirit. These principles and their application are integrated throughout the school curriculum.

The Rosslyn Academy Bible Curriculum

- Exposes the student to the breadth of the Bible
- Highlights basic doctrines and Biblical character traits
- Uses Scripture memorization among its strategies
- Emphasizes who God is
- Challenges students to accept Jesus Christ as personal Savior and Lord
- Encourages students to accept their self worth as unique creations in God's image
- Promotes respect for persons regardless of race, culture, faith, and values
- Leads students toward spiritually mature choices in attitude and behavior
- Fosters personal growth

Grade 2 studies **Doctrine** under the theme "**God's Way to Live.**"

Second grade students learn about "God's Way to Live" through studies of the character traits of Bible heroes like Jesus, Moses, Joshua, Daniel, Esther, Paul and Barnabas.

The Character Counts program is integrated into our week for the purpose of teaching children responsible character traits. A person of character is: respectful of self and others, trustworthy, fair, responsible, caring and a good citizen. By addressing each of these character traits formally, Rosslyn's intent is to motivate each individual to become the person God created him to be.

Language Arts

Language arts instruction at Rosslyn Academy is based on the dynamic interrelationships of listening, speaking, reading, and writing—God’s gift of communication to humans.

Listening

The student will:

- Listen and accurately respond to oral directions.
- Listen and recite familiar stories, poems.
- Listen and accurately respond to a variety of media.



Speaking

The student will:

- Retell and reread orally, speaking clearly and audibly.
- Begin to use complex sentence structures in oral communication.
- Participate in oral dramatics, choral readings and poetry recitation.
- Contribute to group discussion.
- Begin to resolve conflict through discussion.

Reading

The student will:

- **Learn the skills and strategies needed to read to gain information, to perform a task for literary experience, as well as develop decoding skills, fluency and vocabulary.**
 - Understand how print is organized and read.
 - Read text silently and aloud with fluency, accuracy, pacing and expression.
 - Create mental images from pictures and print.
 - Decode unknown words using reading strategies.
 - Use a dictionary to determine meaning of words.
 - Apply reading skills to a variety of genres including fairy tales, poems and myths.
 - Apply comprehension strategies by retelling stories.
 - Develop appropriate skills for non-fiction reading.
- **Comprehend, analyze and critique information from a variety of literary and media sources.**

- Make simple inferences regarding the order of events.
 - Identify the main ideas of stories.
 - Summarize information found in texts.
 - Relate new information to prior knowledge.
- **Appreciate literature and enjoy reading for pleasure.**
 - Identify favorite books.
 - Relate stories to personal experiences.
- Use the STAR Reader and Accelerated Reader (AR) programs in order to identify reading level.
 - Set an individual reading goal and strive to meet it each academic quarter by reading books within the student's ZPD (Zone of Proximal Development).
 - Self-monitor comprehension of individual reading within the student's ZPD by taking AR book quizzes.

Writing

Writing - The student will:

- Write clearly and effectively.
 - Use complete sentences in written composition.
 - Use neat and correct letter formation in D'Neilian style.
 - Write left to right and top to bottom.
 - Use appropriate letters and word spacing.
 - Use correct conventions of capitalization and punctuation.
 - Use consonants, vowels and phonetic relationships.
 - Spell high frequency words correctly.
- **Write in a variety of forms for different audiences and purposes.**
 - Aim for a purpose through writing.
 - Use complete sentences.
- **Understand and use the steps of the writing process.**
 - Write a final document going through the writing process steps.
- **Analyze and evaluate the effectiveness of written work using the 6-Traits Writing analysis.**

- **Establish appropriate research skills using a variety of resources, including technology.**

Math

Mathematics is a science of patterns which allows us to look deeper into the order and precision found in the world around us, God's creation. The purpose of the mathematical instruction at Rosslyn Academy is to develop students who are problem solvers, critical thinkers, and effective mathematical communicators.

The student will:

Apply basic properties of the concepts of numbers

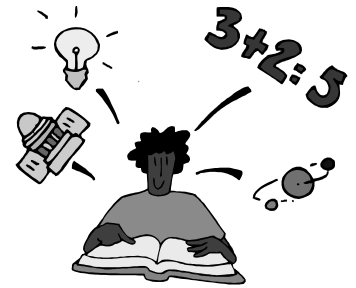
- Skip count by 2's, 3's, 5's and 10's.
- Distinguish between odd and even numbers.
- Recognize written forms of numbers.
- Use a number line.
- Compare numbers using $<$ $>$ or $=$.
- Understand and distinguish between factors and products.

Perform processes of computation

- Verbalize and/or write basic addition and subtraction facts to 18.
- Verbalize and/or write halves of even numbers through 20.
- Verbalize and/or write the fact families through 18.
- Identify missing addends.
- Compete 2-digit addition and subtraction with and without regrouping.
- Complete 3-digit addition.
- Identify the fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{10}$.
- Identify fractional parts of a group
- Relate fractional parts to time ($\frac{1}{2}$ past, $\frac{1}{4}$ till, etc.)
- Work with both horizontal and vertical equations.
- Identify groupings of 100.
- Recognize and write place value to the hundreds.
- Compare 3-digit numbers.
- Write 3-digit numbers.
- Add and subtract 3-digit numbers with and without regrouping.
- Understand and use rules for multiplying.

Understand and apply the concept of measurement

- Measure length in both inches and centimeters.
- Measure weight in both pounds and kilograms.
- Tell time to five minute intervals.
- Calculate elapsed time to five minute intervals.
- Distinguish between a.m. and p.m.
- Read and interpret a calendar.
- Identify and tell the value of a penny, nickel, dime, quarter, half dollar and dollar.
- Write money amounts using dollar sign and decimal point, or the cent sign.
- Add and subtract money amounts.



Use concepts of geometry

- Recognize and produce plane shapes (rectangles, triangles, circles, and squares).
- Understand the concept of points, lines, and line segments.
- Understand the concept of symmetry.
- Distinguish between interior and exterior.
- Identify the solid shapes (sphere, cube, cone, and cylinder).

Develop problem solving skills

- Draw pictures to represent problems.
- Discuss with others to understand problems.
- Explain to others how a numerical problem is solved.
- Make an organized list of information to solve a problem.
- Use whole number models to represent problems.
- Decode story problems.
- Read a word problem and decide what they must do to solve it.
- Follow through with their plan to solve the problem.

Incorporate appropriate technology in learning mathematics and solving problems

- Use a four-function calculator to correct math problems.
- Operate a computer to use math programs.

Appreciate the usefulness of mathematical reasoning

- Enjoy using math to solve real-life problems.
- Operate a computer to use math programs.

Science

Science at Rosslyn emphasizes experiential learning. Students learn by observing carefully with their five senses and communicating their discoveries, through sorting and looking for patterns, through making crafts, and through open-ended experimentation. Along with science skills, the teacher encourages thankfulness to God and responsible stewardship of God's creation.

New Plants-The student will learn to:

- Grow new plants from seeds, bulbs, stems and roots
- Care for growing plants and learn the functions of their different parts
- Record the growth and changes of plants with words and drawings
- Name several plants items that plants give us

Solids & Liquids-The student will learn to:

- Classify substances as solid, liquid or gas
- Discover properties of many types of solids and liquids and through experiments
- Communicate these discoveries with new vocabulary words and drawings
- Describe how two solids or two liquids are alike and different

Air & Weather-The student will learn to:

- Describe a wide variety of weather conditions
- Keep a weather log and use it to look for patterns
- Discover properties of air through experiments
- Create many types of toys that use air and explain how they work
- Keep a moon journal and learn the phases of the moon

Measurement-The student will learn to:

- Use a measuring tape, ruler, balance, syringe, graduated cylinder, and thermometer
- Make careful measurements for scientific records
- Estimate length, weight, volume, and temperature using metric units
- Explain the need for standard units of measurement



Social Studies

Christians, as citizens of the kingdom of God, must live out their faith ethically, morally, and wisely in the kingdoms of mankind.

Our social studies curriculum focuses on the concepts of life in a community. Six main units of study include: belonging to many groups, where we live, people from history, working together, being good citizens and neighbors near and far.

Students will:

- Comprehend and apply social science concepts
- Read and show comprehension of historical setting
- Understand the cause-effect relationship in history
- Show awareness of global distinctives
- Identify diversity in cultures, regions and beliefs
- Understand their role as citizens in community
- Value God's role in mankind's societal development

Kiswahili

In 2nd grade, Students will receive a foundation in the development of second language skills, understanding and appreciation of language and Swahili culture.

The student will learn the following through instructions, games, skits and flash cards:

- greetings and introductions
- numbers
- body parts
- action words, nouns and pronouns
- past, presence and future tenses



Students are also encouraged to have an African/Kenyan meal, play and communicate with local Kenyan children and those working at their homes, and attend a local Sunday school class.

Health

Rosslyn Academy is committed to following Christ's example of a balanced life. Therefore, we desire growth in four areas: wisdom (mental/emotional), stature (physical), favor with God (spiritual), and favor with man (social). Consistent with our integrated-based philosophy of education, we strive to incorporate instruction for life-long wellness throughout the curriculum.

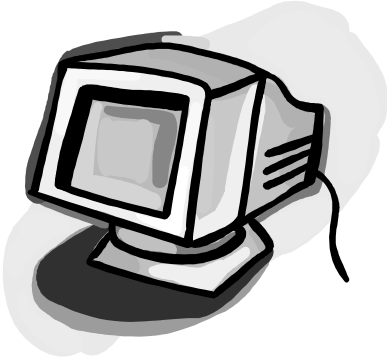
Goals include knowing how to maintain and promote personal health through emotional and mental health, growth and development, nutrition, disease prevention, family life, human sexuality, personal health, safety/first aid, substance abuse, social health and interpersonal skills. Students will also demonstrate the ability to practice health-enhancing behaviors and reduce health risks and develop problem-solving skills.

Art

The visual arts program at Rosslyn strives to enhance the visual expression of each student through the study of art history and by involving him/her in creating artworks that incorporate the elements and principles of design. The student will be able to:

- Draw trees, city streets, portraits and self-portraits, still life and animals
- Create a collage, mono-prints, stencils, and sculptures
- Invent lettering, textures, and jewelry
- Experiment with visual textures, brush strokes, painting techniques and weaving
- Mix colors, tints, and shades
- Discuss personal artwork and the work of others
- Use a sketchbook
- Express moods and ideas
- Decorate a wall hanging, a banner and a box
- Design a sign, a poster, lettering, a room, a building, and a garden
- Discuss how artists see and how art is part of culture
- Communicate through art

Computer Technology



The student will:

- Use a variety of age-appropriate educational software programs
- use the index to find a topic in an electronic resource
- be introduced to OPAC (On-line Patron Access Catalog)

Library Skills

In addition to stimulating a love for books and reading, the library program develops students' abilities to be effective users of ideas and information. The librarian works with the classroom teacher to coordinate the teaching of library and research skills with the classroom curriculum.

- The student will listen to and read various genres of literature.
- The student will become familiar with the different sections of the library and understand what kinds of materials are found in each section.
- The student will alphabetize to the third letter and understand the alphabetical arrangement of books in the Easy, Fiction, and Biography sections.
- The student will begin using call numbers to locate specific titles.
- The student will identify the basic parts of a book and their purpose.
- The student will use guidewords to locate articles in an encyclopedia.
- The student will skim encyclopedia articles to find answers to questions.
- The student will record and share information gathered.

Physical Education

In this class, the student will develop bodily self-awareness, physical skills, and knowledge through participating in physical activity.

The student will:

- Reflect positive character development and social skills based on biblical principles. The students will:
 - Interact and relate well to others during activities
 - Maintain a healthy balanced outlook regarding leisure/sports
- Understand and evaluate the role physical activity has in their life. The student will:
 - Understand how the body works.
 - Participate in physical activity as a daily habit.
 - Understand why fitness is important.
- Achieve and maintain an appropriate level of fitness. The student will:
 - Understand how the body works.
 - Participate in weekly exercise and fitness.
- Display necessary skills for playing games and participating in various leisure activities. The student will:
 - Be aware of strengths, abilities and limitations in physical activities
 - Attain baseline gross motor skills for physical activities
 - Attain appropriate levels for fine motor skills

Types of Assessment:

- Participation
- Attitude
- Sportsmanship
- Class observations



Music



God gave us music for enjoyment—as listeners or participants.

In response, we use music to praise and worship God. The goal of elementary music at Rosslyn is to equip each student with the ability to enjoy and appreciate music.

Singing: The student will be able to:

- Distinguish the difference between their talking, speaking, and singing voice
- Sing in pitch and in rhythm
- Identify major and minor as “happy” and “sad” keys
- Follow appropriate clues from the director

Instruments: The student will be able to:

- Perform beat in simple meter by tapping, clapping, stepping, and by using simple instruments
- Perform simple rhythmic pattern.

Performance

- Students will perform a varied repertoire of hymns and praise songs

Listening

- Students will listen to specific works of composers and recognize like and unlike phrases and sections in larger works

How Parents Can Help

Activities That Support Your Child's Learning

- Listen to your child
- Read to and with your child, asking questions about what is being read
- Praise your child's reading
- Encourage older children to read to their younger siblings
- Model the importance of reading by being a reader yourself
- Talk with your child rather than at him/her
- Help your child keep a writing journal
- Provide a quiet place for homework and study
- Encourage early completion of homework while allowing the child to incur the natural consequences of lapses
- Help your child capitalize on his learning style
- Allow your child as much independence as he proves he/she can handle
- Encourage your child to ask questions and seek answers
- Celebrate successes
- Create special times to be alone with your child to participate in activities (cooking dinner, working in the shop, etc.)
- Take your child to places and talk about the visits
- Limit time spent on computer games
- Tell your child family stories, especially events that happened when you were his/her age
- Watch television with your child and discuss the programs together; limit viewing time; choose programs with care
- Play memory and math games, vocabulary games, physical games
- Talk with your child about the school work he/she brings home
- Give your child responsibilities
- Communicate your expectations regarding his/her behavior and performance at school



"Fathers, do not exasperate your children; instead, bring them up in the training and instruction of the Lord." Ephesians 6:4 (NIV)

Notes