

# Rosslyn Academy

## Grade 3



Program Overview with Selected Sample Objectives

In Grade 3, most students become fluent readers and read chapter books with pleasure. 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. We use "process writing" in which students brainstorm to organize prewriting ideas, draft their writing, obtain teacher or peer response to the draft, revise, edit, and then "publish" selected pieces. Spelling and usage skills are developed through context rather than in isolation.

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, making use of the Big 6 Information Problem Solving Process (Task Definition, Information Seeking Strategies, Location and Access, Use of Information, Synthesis, Evaluation).

Math skills are developed using the Harcourt *Math* textbook. Word problems and critical 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.

The social studies curriculum is project-based and focuses on life in Kenya. Units of study include: Land regions, government, animals, and people.

Grade 3 studies "The Life of Christ and the Early Church". We encourage children to use their personal NIV (*New International Version*) Bible, provided by Rosslyn, 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 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.

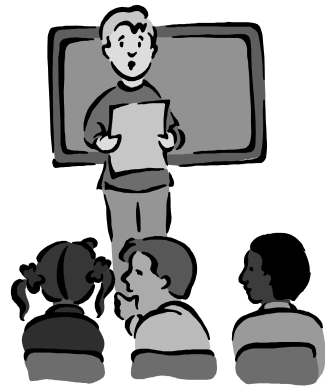
### **The Rosslyn Academy Bible Curriculum**

- 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 3 studies **The Life of Christ and the Early Church**. Units include Jesus' birth and preparation for ministry, selecting and equipping His workers, the teachings of Jesus, His parables, His death and resurrection, the early church and Paul's call, persecution, Paul's missionary work, historical missionary movement, God's plan for the Church and how students can fit into that plan.

# 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:**

- Demonstrate active listening to others in a group situation by not interrupting
- Follow three or more oral directions in a sequence

## Speaking

### **The student will:**

- Give directions
- Respond to questions using complete sentences
- Speak to a group to convince, inform, entertain, or express feelings and/or need
- Expand spoken vocabulary, including adjectives and adverbs

## Reading

### **Literature - The student will:**

- Recognize and identify a variety of literary types
- Recognize, understand, and identify such concepts as simile, metaphor, etc.
- Use comprehension strategies
- Use the STAR Reader and Accelerated Reader (AR) programs in order to identify reading level and select books

### **Vocabulary - The student will:**

- Use context clues to learn unfamiliar words
- Identify synonyms, antonyms, homophones, homographs
- Identify vocabulary from other content areas

### **Research and Library Skills - The student will:**

- Use maps, charts, graphs, diagrams, timelines
- Adjust reading rate to purpose; set purpose for reading
- Synthesize information and write a report
- Create a bibliography according to assigned format



- Locate the various sections of the library, understand the arrangement of books in each section, and practice using call numbers to locate books in each section
- Recognize that nonfiction books are arranged by subject, with books on similar topics having the same numerical call number
- Identify and make use of the parts of a book: title page, table of contents, glossary, index
- Use guide words to locate words in a dictionary and topics in an encyclopedia
- Use *The Big Six* research steps (Task Definition, Information Seeking Strategies, Location and Access, Use of Information, Synthesis, Evaluation)
- Construct research questions on a specific topic
- Locate both print and electronic sources for research on a topic
- Skim information to find answers to research questions
- Take notes, using a data chart to organize information
- Synthesize information and write a report
- Create a simple bibliography of sources used (author, title, copyright date)

### Writing

#### **Writing - The student will:**

- Use the *6 Traits Writing* process (Ideas, Organization, Voice, Word Choice, Sentence Fluency, Conventions)
- Write a simple paragraph with topic sentence and supporting details
- Write a story with a beginning, middle, and end
- Write for a variety of purposes—persuasive paragraph, letter, personal narrative, autobiographical incident, guided research-based report, poetry, journals, and descriptive paragraph

#### **Grammar and Mechanics - The student will:**

- Use the forms of nouns, pronouns, verbs, adjectives, adverbs correctly; use action verbs; recognize a sentence as complete; capitalize and punctuate correctly

#### **Handwriting - The student will:**

- Learn to write in cursive

#### **Spelling - The student will:**

- Spell high-frequency words correctly in all writing
- Take a weekly spelling test



# 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.

## **Problem Solving - The student will:**

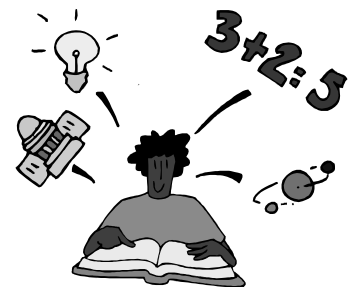
- Build new mathematical knowledge through problem solving
- Apply and adapt a variety of appropriate strategies to solve problems
- Monitor and reflect on the process of mathematical problem solving

## **Communication/Reasoning - The student will:**

- Use the language of mathematics to express mathematical ideas
- Explain and record reasoning using objects, words, technology
- Analyze and evaluate the mathematical thinking and strategies of others

## **Estimation - The student will:**

- Round 3-digit numbers to the nearest ten and hundred
- Have a sense of the size of a solution; estimate solutions



## **Number Sense and Numeration - The student will:**

- Select appropriate methods and tools for computing with whole numbers from among mental computation, estimation, calculators, and paper and pencil
- Read, write, compare, and order whole numbers to 999,999
- Express written numbers correctly
- Use models to remember multiplication and division facts
- Plot whole numbers, simple fractions, and decimals on a line

## **Concepts of Whole Numbers/Operations/Computation - The student will:**

- Develop fluency in adding, subtracting, multiplying and dividing whole numbers
- Know addition and subtraction facts to 20
- Know multiplication and division facts to 10's
- Develop a variety of mental methods of computation
- Multiply a two-digit number by a one-digit number

### **Geometry and Spatial Sense - The student will:**

- Visualize and describe shapes and movement
- Identify, use, build, and draw geometric objects
- Identify and draw endpoints, lines, segments, rays, angles
- Use geometric modes to solve problems in other areas of mathematics

### **Measurement - The student will:**

- Count money to 100 (USD and KS)
- Write, add, subtract money amounts using decimals
- Tell time to the minute
- Understand such attributes such as length, area, and weight
- Understand the need for standard units of measuring and become familiar with the customary and metric systems

### **Statistics and Probability - The student will:**

- Interpret tables used in everyday life
- Collect and represent data using graphs, tables, diagrams

### **Fractions and Decimals - The student will:**

- Understand and use fractions and decimals
- Compare, add, subtract simple fractions
- Add and subtract decimal numbers

### **Connections - The student will:**

- Identify and apply math in everyday situations and other disciplines

## **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 third grade social studies curriculum is interactive, engaging, and focuses on life in Kenya. Each quarter, a different aspect of life in Kenya is explored. The four main units of study include land regions, government, animals, and people. *Big Six* research skills form the basis of the third quarter African animal written report.

## Science

Science education at Rosslyn emphasizes experiential learning. Rather than using textbooks, students learn through direct observation, group projects, experiments, and library research. Along with science skills, the teacher encourages thankfulness to God and responsible stewardship of God's creation.

### **Light and Shadow—The student will learn:**

- To tell the difference between opaque, transparent and translucent objects
- What causes a shadow
- The importance of light in everyday life and the light sources we use
- The parts of the human eye and their functions

### **Physics of Sound—The student will learn to:**

- Tell the difference between the sounds created by dropped objects
- Discover how sounds travel through a variety of materials through experiments
- Discover how sounds can be made louder or softer, higher or lower through experiments
- Communicate the results of experiments through writing

### **Structures of Life—The student will learn:**

- To find seeds in fruit and identify their properties and structures
- To sprout seeds and record their development as they grow
- About the parts of a flower and their functions
- To compare various types of plants using various comparison methods
- To compare nocturnal and diurnal (day time) animals
- Why some animals use the camouflage technique for survival and be able to name some examples
- How to select an animal to research to learn about their habitat, food, reproduction, appearance and life cycle

## Kiswahili

Instruction in this class will expand students' knowledge of the language through oral practice, understanding and appreciation of various cultural aspects.



### The student will:

- Communicate effectively and with confidence what he/she has learned
- Identify and use appropriate greetings, recall vocabulary to describe objects, decode and give simple instructions, and exchange information with peers
- Comprehend, interpret, and analyze a variety of written patterns
- Use new language patterns while presenting simple oral reports and reciting poetry
- Demonstrate receptivity and appreciation of the worldview by celebrating holidays/traditions through food, dress, and music
- Understand and appreciate the history, literature, and arts by recognizing basic cultural beliefs of people relating to family, school, work, and play

## 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 that the students respect their bodies; know environmental influences on health; principles of family, mental, and emotional health; concepts and practices concerning injury prevention and safety; concepts of nutrition and diet; influences on personal health and disease prevention and control; aspects of substance abuse; and concepts of growth and development including sex education at appropriate grade levels.

## 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:**

- Sketch a variety of subjects and items; including people who pose
- Draw imaginary places, animals, crowds, and still life
- Use lines to communicate motion
- Discuss and critique personal artwork and the work of others
- Create stencils, collages, monoprints, relief prints, and sculptures
- Mix colors, tints, and shades
- Experiment with interior design, weaving, stitching, and appliqué
- Explore brushstrokes, proportions, perspective, and contrast

- Record images with light
- Design a product, poster, flipbook, building, playground, and clothing
- Illustrate a story
- Express moods and ideas
- Communicate through art

## Keyboarding/Computers



### The student will:

- Learn correct keyboarding technique for most alphabetic keys, both lowercase and uppercase
- Type and edit projects in collaboration with the classroom teacher
- Use a variety of age-appropriate educational software programs
- Access the Reference folder on the elementary lab computers and use various electronic resources for research
- Use the OPAC (online patron access catalog) to perform author, title, subject, and keyword searches

## Music

God gave us music for enjoyment—as listeners or participants. In response, we use music to praise and worship God.

### The student will:

- Understand musical notations, such as whole note, half note, and quarter note
- Learn music vocabulary (staff, repeat, rests)
- Sing folk tunes from all over the world
- Identify major and minor as "happy" and "sad" keys



- Identify and perform beats in simple meter by tapping, clapping, stepping, and by using simple instruments
- Improvise simple rhythmic and melodic repetition of a short musical pattern

Recognize, appreciate, and perform a varied repertoire of church music

## Physical Education

All people are creations of God designed to know and glorify God through their lives and actions. Participation in healthy living and physical activity is an essential ingredient. Enjoyment, learning, goal setting, and appreciation are desired goals within the physical education program.

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

### The student will:

- Demonstrate a knowledge of team sports
- Reflect positive character development and social skills based on Biblical principles
- Understand and evaluate the role physical activity has in their life
- Achieve and maintain an appropriate level of fitness
- Display necessary skills for playing games and participating in various leisure activities



### Activities:

- Soccer, Kickball, Flag Football
- Field Activities
- Ball / Floor Hockey
- Fitness Activities
- Softball / Slow pitch
- Handball
- Basketball

## How Parents Can Help Activities That Support Your Child's Learning

- Read to and with your child daily, 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 and listen to your child
- Help your child keep a writing journal with entries once or twice a week
- Provide a quiet place for homework and study
- Help your child capitalize on his/her 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 visit(s)
- Read poems and songs; encourage your child to memorize the words
- 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 such as making the bed and picking up personal belongings
- 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

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