

Middle School Class Five

Preparing Students for Purposeful Service

Progressing from the more structured and routine lower school years, our middle students are inspired to take ownership of their education. Their intellectual curiosity is stimulated and their faith is rooted through the exploration of great

BIBLE

• Daily Bible reading at the beginning of each day

ENGLISH

- Reading
 - Daily oral reading by child
 - "Living books" read aloud in class to children
 - Outside reading from the Providence reading list
 - Reading comprehension strategies
 - Regularly scheduled visits to school library
- Grammar
 - Pronouns—personal, reflexive, demonstrative, relative, indefinite
 - Adjectives—demonstrative
 - · Complements—direct object, indirect object, predicate adjective, predicate nominative
 - Coordinating conjunctions
 - Subordinating conjunctions
 - Adverbial and adjectival prepositional phrases
 - Verbs—active and passive voice
 - Compound and complex sentences
 - Clauses—independent, subordinate (dependent), adjectival, adverbial
 - Sentence diagramming
- Mechanics/Punctuation
 - Review and practice rules learned to this point
 - Learn use of semi-colon with independent clauses with and without transitions and separating elements with commas
 - Apply rules in all writing

• Vocabulary

- Develop by reading challenging literature in class and out of class
- Use context clues to discover word meanings
- Use formal vocabulary program

• Writing

- Write narrative, expository, descriptive paragraphs
- Write, revise, edit
- Write personal letters
- Use transition words
- Write a short research paper (choose and narrow topic, find resources, practice note-taking, make an outline, write first draft, using MLA in-text citations
- Memorization/Recitation
 - Memorize twenty selections (poems, Bible passages, songs, hymns, and/or speeches)
 - Recite in class, on Grandparents' Day, and in Fine Arts plays

• Penmanship

Continue to review and practice:

- Proper posture and correct grip
- Proper formation of cursive letters
- Neatness and legibility in all work

• Literature

- Read and discuss excellent literature
- Nurture love for living books with rich vocabulary and complex sentence structure
- Read books that reinforce strong moral character, present a biblical world view, and enchance the imagination
- Read a variety of genres for pleasure and information—comedy, epic poetry, myth, play, tragedy
- Introduce literary terms—simile, metaphor, personification
- Discuss characterization—climax, dialect, exaggeration, falling action, foreshadowing, irony, mood, onomatopoeia, oral tradition, oxymoron, antagonist, protagonist, pun, rising action, resolution, soliloquy, symbolism, theme, tone, tragedy
- Read and discuss the following books
 - Redwall by Brian Jacques
 - · Princess and the Goblin by George MacDonald
 - Where the Red Fern Grows by Wilson Rawls
 - The Golden Goblet by Eloise Jarvis McGraw
 - Tales from Shakespeare by Charles and Mary Lamb
 - Children's Homer by Padraic Colum and Willy Pogany
 - The Cay by Theodore Taylor
 - Vinegar Boy by Alberta Hawse
 - Theras and His Town by Caroline Snedeker

• Speaking Skills

- Continue to review and practice correct sequencing when narrating
- Continue to review and practice clarity, appropriate volume, and expressive eye contact
- Recite poetry and scripture in class, at Grandparents' Day, and on Fine Arts Day programs

• Study Skills

- Reinforce organizational skills using a daily planner
- Analyze text information—pictures, charts, graphs
- Use reference books-dictionary, thesarus, and encyclopedia

MATH

- Saxon Math 7/6
- Daily computation drills
- Number sense
 - Read and write whole numbers through 999,999,999,999
 - · Identify place value through hundred billions
 - · Read and write numbers in expanded forms
 - · Add, subtract, multiply, divide decimal numbers, fractions, and mixed numbers
 - Properties of numbers and operations
 - Identify and use multiples
 - Identify prime and composite numbers
 - ◊ Find GCF and LCM
 - Use positive exponents with whole numbers
 - Understand the concept of square numbers and square roots
 - Use correct order of operations
 - Fractions, decimals, and percents
 - Locate and name fractions and mixed numbers on a number line
 - Compare and order fractions
 - Find equivalent fractions
 - ◊ Find the LCD
 - Convert between improper fractions and mixed numbers
 - Simplify fractions
 - Read and write decimals
 - Compare and other decimals
 - Convert between fractions, decimals, and percents
 - Write reciprocals of numbers
 - Finds rates and rations
 - Estimation
 - Round decimals and mixed numbers
 - Round money amounts to the nearest dollar and 25 cents
 - Estimate sum, difference, and product

- Estimate quotients
- Patterns, relations, and functions
 - Describe and extend an arithmetic or geometric sequence
 - Recognize patterns in multiplication
 - Complete function tables
- Variables, expressions, and equations
 - Write and solve equations to solve word problems
 - Choose an appropriate formula to solve a problem
 - Solve one- and two-step equations with whole numbers
- Geometry
 - Describe, identify, and draw segments, angles, rays, and lines
 - Identify interior and exterior angles
 - Find unknown angle measurements
 - Identify solids by their attributes
 - Understand congruence and similarity
 - Name and graph ordered pairs
 - Identify transformations
- Measurement
 - Use customary units of length, weight, and capacity
 - Use metric units of length, mass, and capacity
 - Use Fahrenheit and Celsius temperature scales
 - Measure time and elapsed time
 - Convert in the U.S. Customary and the metric systems
 - Estimate and find perimeter, area, and volume
 - Find area of complex figures
 - Find volume of rectangular prism
 - Find the measures of a circle
- Data Analysis and Probability
 - Represent and interpret data on tables and charts, frequency tables, line graphs, circle graphs, line plots, histograms
 - Find mean, median, mode, and range
 - Describe the likelihood that an event will occur
 - Calculate simple and experimental probability
 - Make predictions based on experiments
- Problem Solving
 - Find/extend a pattern
 - Guess and check
 - Make or use a table, chart, or graph
 - Use logical reasoning
 - Work backwards
 - Write a number sentence or equation
 - Write about math

- Mathematical Reasoning
 - Use algebraic reasoning
 - Use spatial reasoning
 - Classify and sort
 - Explain an answer
 - Make generalizations and justify conclusions
- Connect math to other subjects and sports



Old Testament, Ancient Egypt, Ancient Greece

People

- Biblical figures: Adam, Noah, Abraham, Jacob abd Esau, Isaac, Joseph, Moses, Saul, David, Solomon
- Greek Figures: Achilles, Pericles, Socrates, Philip of Macedonia, Alexander the Great, Aristotle, and Ptolemy

Topics and Concepts

- Creation according to the Bible and comparison to other creation stories
- The fall of man
- The Mesopotamian world: its geography, culture, and growth as a civilization
- The rise of the patriarchs, Abraham, Isaac, and Jacob
- The Ancient civilization of Egypt: its geography, government, religion, architecture, and writing
- The rise of Moses and the development of the nation of Israel
- The Ancient Canaanite civilizations: the Phoenicians and the Philistines
- The Ancient Assyrians civilization and fall of the northern kingdom of Israel
- The Ancient Babylonians and the fall of the southern kingdom
- The development of the Persian civilization and subsequent transfer of power from the Babylonians to the Persians
- The rise of Ancient Greece in the key cities of Sparta and Athens
- Ancient Grecian civilization: its government, religions, values, daily life
- The causes and effects of the Persian Wars
- The person of Alexander the Great: his rise to power and expansion of the Grecian Empire Geography—define and/or identify on a map
- Mediterranean Sea
- Red Sea
- Lake Victoria
- Aegean Sea
- Adriatic Sea
- Crete

- Nile River
- Egypt
- Israel
- Lebanon
- Jordan
- Syria
- Iraq
- Iran
- Greece

Additional Activities

- Living History Day—Mesopotamia Day
- Team Building Day

ART

- 1000 B.C. Egyptian Art: hieroglyphics and the practice of painting reproductions of Ancient Egyptian artifacts
- 1200-400 B.C. Ancient Greek and Mycenaean Art: the study of Ancient Greek vases and the use of ceramics
- 480-400 B.C. Early and High Classical Art and the Renaissance period: Michaelangelo, c. 1500the study of sculpture and the practice of drawing with charcoal
- 323-30 B.C. Hellenistic Art: the study of sculpture and the practice of drawing with chalk pastel.

Students will study both artists (when applicable) and artistic styles of each historic time period and create their own artworks in accordance with these art styles. Art history will include Prehistoric, Ancient Near East, Egyptian, and Greek.

LATIN

• The increased cognitive development of students in Classes Five and Six enables them to move into a more formal study of Latin. They experience the language through reading, speaking, and writing. Many aspects of Roman culture are presented at this level. These connect directly to studies in history and English. Texts used are *Minimus and Cambridge Latin Course Unit I*. The overall, linguistic experience is further developed through the use of computer activities. Class Five students take the *National Exploratory Latin Exam*. Class Stix students complete requirements for Latin IA and take the *National Latin Exam*.

MUSIC

Class Five music megins with a cumulative review of music terms and vocabulary essential to the study of great music. Students define terms and learn to aurally identify and compose music with varying elements of dynamics, tempo, meter, and texture. The year concludes with a study of orchestral families and their instruments, along with an introduction to opera and oratorio. Throughout the year, Class Five students also develop an increased music literacy and begin a systematic approach to sight-singing and ear-training using solfege.

NATURE STUDIES AND SCIENCE

Studying nature enables children to fulfill their covenant obligations to nurture and care for the earth and the plants and creatures with which God has filled it. In the nature-study approach, the children learn that God made everything for a purpose. Whenever possible, the children study and organism in its environment, seeing its relation to the world about it and the features which enable it to function in its surroundings. The study of nature is an aesthetic experience as well as a discipline. It is an opening of the eyes to the individuality, the ingenuity, the personality of each of the unnoticed life forms around us. Nature study is not merely a study of life, but an experience of life.

Nature Studies Course Content

• Birds, insects, and bats

Science

- Observation and scientific method
- Force and Motion
- Metric and English systems of measurement
- Speed and Distance
- Mass and Density
- Inertia
- 3 States of Matter
- Gravity
- Atoms and Molecules
- Friction
- Physical and Chemical Properties and Changes
- Kinetic and Potential Energy
- Chemical Reactions
- Light and Sound
- Acids and Bases
- Electricity and Magnetism

PHYSICAL EDUCATION

The P.E. program is designed to help children develop appropriately the skills and knowledge necessary to allow them to enjoy a lifetime of physical activity and to be wise stewards of their bodies. (Romans 12 and 1 Corinthians 6). Class Six students may participate in Middle School Athletics (football, volleyball, basketball, soccer, cross country, track) or may be in a P.E. class.