

Course Description

FIFTH GRADE

BIBLE

Philosophy Statement: The study of God's Word provides a strong foundation in the life of a Christian. By studying the Bible, students and staff gain knowledge, understanding, and a clear application for their lives. By training students early in their life, the Bible will become an essential tool for students as they mature throughout their life. By memorizing Scripture, students will have it ingrained into their minds; so when trials and temptations come, they will have the wisdom from God in their mind and in their heart. Daily study of the Scriptures in class will show the students the importance of the Bible in the teachers and staff's hearts and mind.

Course Objectives: The students will do a weekly study on the books in the Old Testament, and learn how the stories in the Old Testament fit together. They will also learn important life principles from each book. They will be challenged to see how they can apply these principles to their own lives.

Textbook: Possessing the Land (Positive Action Bible Curriculum)
Bible

Materials:

Student workbook
Holy Bible
Story tapes
Bible Baseball

Time Allotment: 30 minutes per day, 4 days per week
Chapel - 45 minutes per week

Course Content:

God's Miracle Book	Samuel – Israel's Last Judge
Sin and Redemption	Saul – Israel's First King
Abraham and Sarah	The Character of David
Jacob and Esau	God Molds a King
The Story of Joseph	The Reign of Solomon
The Effects of Sin	Elijah and Elisha
The Hebrew Nation in Bondage	Ezra the Teacher
The Plagues and the Passover	Nehemiah – The Great Organizer
God Gives the Law	Queen Esther
The Way to God	Why God Allows Trials
God's Concern for Order	Songs of Praise to God
Wilderness Wanderings	Knowledge, Wisdom and Understanding
Moses Final Charge	Three Prophets of God
Victory in Canaan	Daniel – A Courageous Young Man

Sin and Suffering
The Story of Ruth
The Minor Prophets

Daniel's Conflicts Continue
The Prophet who Ran

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READING

Philosophy Statement: Reading is an important skill that everyone should possess. It is essential in today's society. It is also essential in learning from God's word. We must be able to read and understand the bible, if we want to improve our relationship with God and share His word with others. God communicates with us in writing through the Holy bible. We must be able to comprehend His message, as we read His word.

Course Objectives: The students will receive instruction in and demonstrate the ability to read independently and orally through novel reading in the classroom and reading assignments three nights a week with a written summary of one night's reading. Students will be able to read and pronounce correctly common words used in grade appropriate literature. Students will expand their vocabulary and increase their comprehension skills by reading a variety of different forms of literature such as novels, short stories, charts, posters, and other various forms of reading. Book reports will be done several times through out the year on different forms of literature, such as mystery, Christian, biography, short stories, etc.

Novels:

Rosa (A Beka)

The Trumpet of the Swan (Harper Collins)

Island of the blue Dolphins (Bantam Doubleday)

Door in the Wall (Bantam Doubleday Dell)

Misty of Chincoteague (Aladin Paperbacks)

Noah Webster (A Beka)

Swiss Family Robinson (Bantam Doubleday)

The Egypt Game (Bantam Doubleday)

Number the Stars (Bantam Doubleday)

Textbooks: Read and Think 5 (A Beka)

Vocabulary for Achievement

Materials:

Student novels

Student textbooks

Novel study guides (vocabulary and comprehension sheets)

Creative book reports
Special skill activity sheets
Folder of comprehensive materials made by the teacher

Time allotment: 30 minutes per day, 5 days a week

Course Content:

Learn new vocabulary words by completing Wordly Wise activities and focusing closely on vocabulary words in novels
Reading orally grade level appropriate material pronouncing words correctly and using expressions when necessary
Listening closely to material read out loud and completing activities with information heard
Understand and comprehend information read independently in novels
Understand theme, setting, plot, and climax
Identify main and secondary characters in novels
Understand sequence events in novels
Utilize information found on charts, posters, maps, etc.
Read and understand poems
Read for enjoyment
Learn to write summaries on chosen reading assignments
Learn about different authors

Areas to be Evaluated:

- * Class work assignments
- * Homework assignments
- * Vocabulary assignments in their reading folder
- * Comprehension assignments in their reading folder
- * Novel quizzes, test, and projects
- * Work completed in Wordly Wise workbook
- * Oral reading
- * Special activity sheets
- * Listening activities

Additional Activities:

- * Projects will be assigned throughout the year to complement the course of Study
- * Unit notebooks on novels will be completed

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Language

Philosophy Statement: Language is a wonderful gift from God. God created Adam and Eve with the ability to think and speak. Language made it possible for them to communicate with God and with each other. God wants us to communicate with Him and with each other. He has given us the great gift of communication which allows us to hear, listen, speak, write, and read. By utilizing the rules of grammar and spelling; and practicing our listening, speaking, and reading skills; we can communicate more effectively.

Course Objective: The students will receive instruction in and demonstrate the ability to use grammar rules when writing and speaking. Students will be able to write complete sentences, write descriptive paragraphs, address envelopes, write different types of letters, and write a research paper on the life of Noah Webster. They will use correct capitalization and punctuation as they write. Students will also learn to utilize important tools such as the dictionary, thesaurus, atlas, and encyclopedia. Students will be able to identify verbs, nouns, pronouns, adjectives, adverbs, prepositions, conjunctions, and interjections. All students will communicate by writing in print and cursive forms.

Textbook: God's Gift of Language-B (ABeka Publications)

Materials: Student Textbook

Practice and enrichment worksheets

Writing prompts

Student dictionaries

Student thesaurus

ABeka Language Charts

Set of encyclopedias

Time Allotment: English: 30 minutes a day, 5 days a week

Writing: 30 minutes a week, 1 or 2 days a week

Quotations marks for titles

Rules of Capitalization

Writing dialogues

Special adjectives

Course Content:

Unit 1: Verbs at Work

Definition of a verb

Subjects and Predicates

Finding the Verb

Action Verbs

Compound Verbs

State of being verbs

Helping verbs

Verb Phrases

Verb Forms

Verb Endings

Principal Parts of Verbs

Irregular Verbs

Choosing Correct Verbs

Unit 2: Nouns at Work

Definition of a noun

Nouns as the subject

Identify subjects and verbs in sentences

Compound Nouns

Proper Nouns

Common Nouns

Plural Nouns and their rules

Unit 3: Sentence Parts

Combining Sentences to form compound subjects

Combining Sentences to form compound verbs

Combining Sentences to form compound sentences

Kinds of sentences

Locating subjects in imperative sentences

Locating subjects in interrogative sentences

Diagramming subjects and verbs

Diagramming compound subjects and verbs

Identifying simple and compound sentences

Writing rhyming poetry

Unit 4: Pronouns

Definition of a pronoun and an antecedent

Personal pronouns

Subjective, Objective, and Possessive cases
Compound pronouns
Choosing correct pronouns
Demonstrative and Interrogative pronouns
Subjects and verbs agreement
Diagramming pronoun subjects

Unit 5: Modifiers

Definition of an adjective and adverb
Questions adjectives answer
Questions adverbs answer
Articles as adjectives
Diagramming adjectives
Location of adjectives
Adverbs modifying verbs
Adverbs modifying other adverbs
Adverbs modifying adjectives
Distinguishing adjectives from adverbs
Diagramming adverbs
Using adverbs correctly
Becoming a better writer using modifiers

Unit: 6 Using Modifiers Well

Using good and well correctly
Negative words
Comparing adjectives
Irregular adjectives
Comparing adverbs

Unit: 7 Prepositions, Conjunctions, Interjections

Definition of a preposition
Common preposition
Prepositional phrases
Deciding if the word is a preposition or an adverb
Prepositional phrases used as adjectives
Prepositional phrases used as adverbs
Conjunction as joiners
Interjections showing feelings

Unit 8: Punctuation

Rules for using a comma
Avoiding run-on sentences and fragments
Using apostrophes in contractions and possessives

- Using colons and semicolons
- Using hyphens
- Rules for underlining
- Unit 9: Quotations and Capitals
 - Writing direct quotations
 - Quotations marks for titles
 - Rules of Capitalization
 - Writing dialogues
 - Special adjectives
- Unit 10: The Writing Process
 - Learning the writing process
 - Writing Book reports
 - Giving oral reports
 - Writing friendly and business letters
 - Writing post cards and thank-you notes
 - Writing paragraphs with topic sentences
 - Writing paragraphs with unity and details
 - Writing an Outline
- Unit 11: Using the Encyclopedia to Write Papers
 - Volumes of Information
 - Encyclopedia Headings
 - Helpful Information in an encyclopedia article
 - Steps for writing a research paper
 - Read and gather notes
 - Taking notes
 - Thinking and planning the report
 - Rewriting your outline
 - Writing and rewriting your paper
 - Checking and polishing the paper
 - Sharing the paper
- Unit 12: The Library Research Report
 - Finding books on a person in the library
 - Following the writing steps in unit 11
 - Making bibliography cards
 - Listing notes from an encyclopedia article
 - Preliminary outline for notes
 - Taking notes for the report on mote cards
 - Writing the Bibliography
 - Putting illustrations with captions in your report

- Making a final outline
- Copying the checklist page
- Unit 13: The Best Words
 - Review of parts of speech
 - Synonyms
 - Antonyms
 - Homonyms
- Unit 14: The Writer's Friends
 - Dictionary usage
 - Syllabication
 - Entry Words
 - Definitions
 - Correct Spelling
 - Pronunciations
 - Accents
 - Part of Speech
 - Other word forms
 - Guide Words
 - Alphabetical Order
 - Using words correctly:
 - Amount or number
 - Between or among
 - Can or may
 - Less or fewer
 - Thesaurus
 - Guide Words
 - Parts of speech
 - Slang words
 - Synonyms, antonyms, and homonyms
- Unit 15: Digging for Compliments
 - Definition of a complement
 - Direct Objects
 - Indirect Objects
 - Linking Verbs
 - Predicate nominatives
 - Predicate adjectives
 - Diagramming complements
- Unit 16: Final Review

Areas to Be Evaluated

- * Class work assignments
- * Homework assignments
- * Book Reports

- * Quizzes and tests
- * Projects
- * Writing prompts

Additional Activities:

- * Writing assignments as pertaining to different holidays and activities at the School
- * Doing creative book reports for oral presentation and written expression

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Fifth Grade

Spelling

Philosophy Statement: Language is a wonderful gift from God. God created Adam and Eve with the ability to think and speak. Language made it possible for them to communicate with God and with each other. God wants us to communicate with Him and with each other. He has given us the great gift of communication which allows us to hear, listen, speak, write, and read. By utilizing the rules of grammar and spelling; and practicing our listening, speaking, and reading skills; we can communicate more effectively.

Course Objective: The students will receive instruction in and demonstrate the ability to write basic spelling words in sentences and paragraphs. They will also learn to spell words with different and similar parts.

Textbook: A Reason for Spelling E (Concerned Communications)

Materials: Student Textbook
Teacher Textbook
Practice and enrichment worksheets

Time Allotment: 25-30 minutes a day, 5 times a week for spelling
15-20 minutes a day, once a week for writing

Course Content:

Words with short a
Words with short e
Words with short i
Words with short o
Words with short u
Words with long a
Words with long e
Words with long i
Words with long o
Words with long u
Words with suffixes
Words with prefixes

Areas to Be Evaluated

- * Class participation
- * Homework assignments
- * Class work in texts
- * Daily writing assignments
- * Tests
- * Book reports and projects

Course Description

Fifth Grade

Math

Philosophy Statement: In mathematics God has blessed His creation with the ability to count, tell time, and make change. This is not an accident; it is a reflection of God's goodness. As students learn to appreciate God's gift of numbers and use of addition, subtraction, multiplication, and division, they should concurrently develop a heart of praise and thanksgiving in their study of mathematics. In mathematics the student will see the order and truth God created. Just as the Bible says "precept upon precept, line upon line..." (Isaiah 28:10), students will build concept upon concept in mathematics.

Course Objective: The students will explore and experience a variety of different concepts of mathematics including place value, basic properties of addition, subtraction, multiplication, and division. They will use manipulatives with geometry and graphing. They will work weekly on problem solving in adjacent with the unit themes.

Textbook: Mathematics 5 (ACSI Publications)

Materials: Student Textbook

Teacher Textbook

Tests and quizzes

Speed drills (ABeka Pub.)

Informational posters

Divisibility rules

Other activity sheets

Edible activity sheets

Time Allotment: 45 minutes per day, 5 days a week

Course Content:

Place Value of Whole Numbers and Decimals:

Place value to hundred thousands

Place value to hundred billions

Comparing and ordering whole numbers

Rounding whole numbers

Using a problem-solving guide

Decimal place value of tenths and hundredths

Decimal place value of thousandths

Comparing and ordering decimals

Rounding decimals

Problem solving with decimals

Addition and Subtraction of Whole Numbers and Decimals:

Estimating whole number sums
Estimating whole number differences
Adding and subtracting larger numbers
Problem solving with addition and subtraction
Estimating decimal sums
Adding tenths and hundredths
Properties of addition
Problem solving with decimals
Estimating decimal differences
Making equivalent decimals
Subtracting tenths and hundredths
Problem solving with two step problems
Adding and subtracting thousandths
Multiplication of Whole Numbers:
Use of properties of multiplication
Mental math with multiples of 10, 100, and 1000
Multiples and least common multiples
Factors and Greatest Common Factor
Multiplying by a one-digit factor
Multiplying larger numbers
Estimating products
Multiplying by a two digit factor
Problem solving with two digit factor
Multiplying by a 3 digit factor
Practice with problem solving and 3 digit factors
Exploring exponents
Lattice multiplication
Division of Whole Numbers:
Exploring divisibility rules
Rules of division
Quotients and remainders
Estimating quotients
Dividing 2 and 3 digit numbers by one number
Finding averages
Dividing with zero in the quotient
Dividing larger numbers by one number
Problem solving with one-digit divisors
Division patterns
Estimating quotients with 2 digit divisors
One-digit quotients
Two-digit quotients
Adjusting the estimated quotients
More one-and-two digit quotients
Three-digit quotients

- Zeros in the quotient with 2 digit divisors
- Statistics in division and problem solving
- Multiplication and Division of Decimals:
 - Estimating decimal products
 - Multiplying a decimal by a whole number
 - Multiplying decimals
 - Multiplying with zero in the product
 - Problem solving with multiplication of decimals
 - Dividing decimals by whole numbers
 - Dividing decimals using zeros
 - Dividing decimals by 10, 100, and 1000
 - Problem solving with division and decimals
- Geometric properties:
 - Line relationship
 - Naming rays and angles
 - Pentominoes
 - Using a protractor
 - Classifying triangles
 - Equilateral triangles
 - Isosceles triangles
 - Scalene triangles
 - Right triangles
 - Acute triangles
 - Obtuse triangles
 - Problem solving with rays, angles and triangles
- Polygons
 - Sides
 - Vertices
 - Angles
- Quadrilaterals:
 - Parallelograms
 - Rectangles
 - Rhombus
 - Square
 - Trapezoid
- Solids:
 - Sphere
 - Cylinder
 - Cone
 - Prisms
 - Pyramids
- Problem solving with polygons and solids
- Circles:
 - Construction with a compass

- Radius
- Diameter
- Chord
- Line symmetry
- Motion in geometry:
 - Translation
 - Reflection
 - Rotation
- Congruence
- Similarity
- Number Theory and Fractions:
 - Review of basic fractions
 - Equivalent fractions
 - Fractions and decimals
 - Prime numbers
 - Composite numbers
 - Greatest common factors
 - Fractions in simplest terms
 - Least common multiple
 - Comparing and ordering fractions
 - Improper fractions
 - Mixed fractions
 - Problem solving with fractions
- Addition and Subtraction of Fractions:
 - Adding and subtracting like fractions
 - Adding and subtracting mixed numbers
 - Rename sums of mixed numbers
 - Subtracting from whole numbers
 - Estimate sums and differences
 - Least common denominators
 - Related denominators
 - Adding with unlike denominators
 - Subtracting with unlike denominators
 - Adding mixed numbers
 - Subtracting mixed numbers
 - Problem solving using a map
- Multiplication and Division of Fractions:
 - Multiplying fractions using manipulatives
 - Multiplying fractions
 - Multiply fractions and whole numbers
 - Multiply mixed numbers
 - Problem solving with multiplication of fractions
 - Estimate products of fractions
 - Divide fractions using models

- Dividing by fractions
- Problem solving with patterns
- Ratios, Proportion, and percent:
 - Exploring ratios
 - Finding equal ratios
 - Exploring proportions
 - Solving proportions
 - Scale drawing
 - Exploring percents
 - Changing ratios to percent
 - Changing fractions to percent
 - Decimals and percents
 - Mental math to estimate percent
 - Finding percents
 - Problem solving with percent
- Measurement:
 - Customary units of length, capacity, weight, and time
 - Fahrenheit and Celsius Temperatures
 - Metric Units of length, capacity, and mass
 - Time zone maps
- Area, Perimeter, and Volume:
 - Area of rectangles
 - Perimeter
 - Circumference
 - Coordinate geometry
 - Area of right triangles and regular triangles
 - Area of irregular figures
 - Surface area
 - Understanding volume
 - Finding volume
 - Using formulas in problem solving
- Statistics, Graphing, and Probability:
 - Collecting and organizing data
 - Reading and making bar graphs
 - Histograms, pictographs, line graphs, and circle graphs
 - Interpreting graphs
 - Statistics and line plots
 - Range, mean, median, and mode
 - Probability of outcomes
- Rational Numbers
 - Integers
 - Comparing and ordering integers
 - Application of integers

Areas to Be Evaluated:

- * Class-work assignments
- * Homework assignments
- * Quizzes and speed drills
- * Tests
- * Participation in problem solving on the board

Additional Activities:

- * Students will build a multiplication ice cream cone with different colored scoops for each family of facts memorized within a minute timed.
- * Students will do the work of practice problems on white board and show the teacher the resulting answer at the same time as other classmates for quicker understanding

COURSE DESCRIPTION

FIFTH GRADE

SCIENCE

Philosophy Statement: Science for the Christian is a study of God's creation. The exploration of the creation should yield a direct appreciation for the creative work of God. All that can be known of God we know through the creation and science is the study of that work. Students will continually be called on to see the divine order of creation, its implications for other subjects, and be stirred to think about the work of an infinitely loving, good God who has prepared a place for us to live temporally and eternally.

Course Objectives: The students will explore and experience a variety of areas within the field of science including life, physical, earth sciences, and balance in the human body, through the use of reading, discussion, participating in experiments, and utilization of the scientific process.

Textbook: Changes: Science Level Five (Purposeful Design)

Materials:

Teacher textbook

Student textbook

Student notebook

Quizzes and tests

Notes made by the teacher

Information posters

Transparencies

Activity sheets

Experiments and projects

Time allotment: 30 minutes per day, 4 days a week

Course Content:

Natural Cycles:

Recurring Events

Elements

Water

Carbon and Oxygen

Nitrogen

Disruption

Pollution

Cells:

The Puzzle of Life

Cell Structure

Genetics

The Cell Cycle

Cell Organization

Cell Observation

Cancer

Life Cycles:

Humans

Bacteria

Fungi

Plants

Salmon

Brine Shrimp

Malaria

Ecological Succession:

Interruptions

Primary Succession

Glacier Bay

Secondary Succession

Forest Fires

Measuring Matter:

- Standards
- Systems
- Area and Volume
- Mass and Temperature
- Density
- Buoyant Force

Changing Matter:

- Attention to Detail
- Physical Change
- Mixtures and Solutions
- Chemical Change
- Nuclear Change
- Investigating Change
- Combustibility

Force and Work:

- Getting it Done
- Describing Motion
- Work
- Simple Machines
- Types of Levers
- Investigating Levers
- The Advantage of Machines

Electricity and Magnetism:

- No Electrical Energy
- Static Electricity
- Current Electricity
- Circuit Types
- Electromagnetism
- Buildup and Discharge
- Producing Electricity

Earth's Processes:

- Predictable Changes
- The Rock Cycle
- Recycling the Crust
- The Ocean Floor
- Ocean Currents
- A Deeper Look
- Magnetic Reversals

Natural Resources:

- Survival
- Renewability
- Fossil Fuels
- Minerals to Metals
- Reduce, Reuse, Recycle
- Minerals and Oil
- Alternative Fuel Sources

Weather and Climate:

- Air
- Local Winds
- Global Winds
- Masses and Fronts
- Weather Maps
- Weather Prediction
- More Wind

Sun, Earth, and Moon:

- Moon Lore
- Earth's Motions
- Seasons
- Phases and Eclipses
- Tides
- Space Instruments
- Moon Mission

Transitions:

- Metamorphosis
- The Endocrine System
- Skin
- Growth
- Teeth
- Balance and Self Control
- Body Clock

Disease:

- Malfunctions
- Pathogens
- Infectious Diseases
- Noninfectious Diseases
- The Immune System
- Tracking and Spreading
- Immunity