

**Millers Creek
Christian School**

**Curriculum Guides
Pre K2 thru 12th
Grade**

Pre-School Objectives
Pre K2 – Pre K4

Pre K 2

Language Arts:

- Language development and listening skills
- Recognition of first name
- Introduce alphabet, recognize some uppercase letters

Numbers

- Simple counting, 1-25
- Number concepts, 1-10; number recognition 1-10
- Color recognition, shape recognition, alike and different
- Sorting, patterning, matching

Bible

- Hymns and choruses
- Memory verses, pledges
- Stories

Music

- Traditional and fun songs
- Seasonal and theme projects

Arts and Crafts

- Seasonal, theme projects
- Drawing, scribbling
- Play-doh, clay
- Painting, finger painting, gluing, cutting

Science and Health

- Animals, weather, seasons, plants
- Five senses
- Sand, water play

Social Studies

- Transportation
- Countries, community helpers
- Pretend play

Physical Education

- Large motor skills
- Hop, jump, skip, walk up and down stairs
- Throw, bounce ball
- Balance on one foot

Pre K 3

Language Arts

- Recognition of name, sound, and picture for short vowels and consonants
- Recognition of first name, write first name
- Tracing upper and lower case letters

Numbers

- Simple counting, 1-30
- Number concepts, 1-10; number recognition 1-10
- Color recognition, shape recognition, alike and different
- Sorting, patterning, matching
- Number Concepts, 1-15
- Days of the week

Bible

- Hymns and choruses
- Memory verses
- Stories

Music

- Traditional and fun songs
- Seasonal and theme projects

Arts and Crafts

- Seasonal, theme projects
- Drawing, scribbling
- Play-doh, clay
- Painting, finger painting, gluing, cutting

Science and Health

- Animals, weather, seasons, plants
- Five senses, restroom habits, brushing teeth
- Sand, water play

Social Studies

- Transportation
- Countries, community helpers
- Pretend play

Physical Education

- Large motor skills
- Hop, jump, skip, walk up and down stairs
- Throw, bounce ball
- Balance on one foot

Pre K 4

Language Arts

- Phonics and Reading
 - Recognition of name, sound, and picture of long and short vowels
 - Recognition of name, sound, and picture of consonants
 - Sounding of blends and one-vowel and two-vowel words
 - Reading of sentences and stories with one-vowel and two-vowel words
- Handwriting
 - Formation of letters, blends, and words
 - Writing first name
- Poetry
 - Poems and finger plays committed to memory

Math

- Number recognition and counting, 1-100
- Number concepts, 1-20
- Numbers before and after, 1-20
- Number largest and smallest, 1-20
- Addition facts, adding numbers 1-9
- Days of week, months of the year

Bible

- Hymns and choruses
- Memory verses, pledges
- Bible Stories

Music

- Traditional and fun songs
- Seasonal and theme projects

Arts and Crafts

- Seasonal, theme projects
- Painting, gluing, cutting

Science and Health

- Animals, weather, seasons, plants
- Five senses, restroom habits, brushing teeth, healthy foods

Social Studies

- Transportation, countries, community helpers
- Pretend play,

Physical Education

- Gross and fine motor skills

**Elementary Objectives
K5-5th Grade**

Kindergarten

Bible Truths

Goal 1: Bible Content

- 1.1 Chronological and topical study of the Old and New Testaments
- 1.2 Bible characters including: Noah, Abraham, Joseph, Moses, Jonah, Christ
- 1.3 Topics including: Creation, learning about the Bible, the life of Christ, prayer, missions
- 1.4 Lessons for Thanksgiving, Christmas, and Easter

Goal 2: Character Emphasis

- 2.1 Character traits emphasized in application stories correlated with Biblical content
- 2.2 Life Application

Goal 3: Scripture Memory

- 3.1 Memorize 25 verses or passages
- 3.2 Memorize 50 questions correlated with Biblical content

Language Arts

Goal 1: Pre-reading

- 1.1 Print awareness: left-to-right eye progression; visual discrimination; visual memory
- 1.2 Reasoning; classifying; sequencing size and shape relationships
- 1.3 Rhyming; awareness of author; picture reading
- 1.4 Listening comprehension
- 1.5 Comparing
- 1.6 Following directions; perceiving concepts such as up/down, hard/soft
- 1.7 Alphabet recognition: phonemic awareness

Goal 2: Phonics and Word Perception

- 2.1 Letter sound association
 - Consonants and short vowels
 - Words with closed syllable phonograms
 - Plural words with s
 - Compound words
- 2.2 Letter sound association
 - Consonant blends and diagraphs
 - Long vowels
 - R-influenced vowels
 - Special vowel combinations
 - Vowel patterns for long vowels

Goal 3: Early Reading Skills

- 3.1 Comprehension
- 3.2 Predicting outcomes; answering questions after silent reading; sequencing events, developing vocabulary
- 3.3 Perceiving relationships; distinguishing reality from fantasy
- 3.4 Matching words and pictures; matching sentences and pictures; reading short stories
- 3.5 Oral communication and oral reading
- 3.6 Discussion; action rhymes; pantomime; retelling stories; reading phonics stories orally

Goal 4: Composition

- 4.1 Dictating composed sentences for experience stories
- 4.2 Dictating sentence ideas for individual stories
- 4.3 Completing sentence starters

Goal 5: Handwriting

- 5.1 Letter formation
- 5.2 Principles of slant
- 5.3 Alignment and spacing

Related Arts

Goal 1: Art

- 1.1 Drawing and painting
- 1.2 Crafts to match the unit themes of lessons

Goal 2: Heritage Studies

- 2.1 Geography: US landmarks
- 2.2 Native Americans: colonial life
- 2.3 Culture: families, community helpers, Hispanic culture, Bible times, farming, American celebrations

Goal 3: Science

- 3.1 Appreciating God's creation
- 3.2 Learning about birds, bugs, magnets, seasons, water, our bodies, weather, rocks, ocean, sun, moon, plants, animals
- 3.3 Experiencing hands-on activities

Goal 4: Motor Skills

- 4.1 Encouraging fine motor skills through pre-writing activities, finger plays, cooking, and learning stations activities, student activity worksheets
- 4.2 Developing gross motor skills during simple games and group activities

Reading

Goal 1: Word Recognition

- 1.1 Application of phonics concepts
- 1.2 Short Vowels
- 1.3 Single consonants
- 1.4 Consonant blends and diagraphs
- 1.5 Long vowels and blends
- 1.6 R-influenced vowels and special vowels
- 1.7 Word families
- 1.8 Compound words
- 1.9 Words with suffixes

Goal 2: Comprehension

- 2.1 Picture reading
- 2.2 Literal, interpretive, critical appreciative levels of questioning
- 2.3 Predict text, make inferences, draw conclusion, predict outcomes
- 2.4 Compare, sequence events, follow directions
- 2.5 Vocabulary from context

Goal 3: Literature, Silent Reading, Oral Reading

- 3.1 Read a variety of genres: family stories, information articles, fanciful animal stories, poetry, Bible accounts, realistic fiction
- 3.2 Distinguish reality from fantasy
- 3.3 Read for specific information; read for author's message
- 3.4 Communicate message of the author, communicate in a natural manner
- 3.5 Portray a character
- 3.6 Respond to punctuation: period, exclamation point, question mark

Math

Goal 1: Numeration

- 1.1 Identify numbers 0-100
- 1.2 Write numbers 0-100

Goal 2: Number Sense

- 2.1 Ordinal: 1st-6th; first, next, last, before, after, between
- 2.2 Patterns; place value: tens and ones

Goal 3: Counting

- 3.1 Count to 150 by 1's
- 3.2 Count to 100 by 10's
- 3.3 Count to 50 by 5's

Goal 4: Addition

- 4.1 Sums to 10
- 4.2 Equations; vertical form
- 4.3 Money and oral word problems

Goal 5: Subtraction

- 5.1 Differences to 10
- 5.2 Equation in vertical form
- 5.3 Money and oral word problems

Goal 6: Fractions

- 6.1 Equal parts
- 6.2 Halves, thirds, fourths
- 6.3 Halves of a set of objects

Goal 7: Geometry

- 7.1 Flat shapes: circle, square, triangle, rectangle, symmetry, same shape
- 7.2 Solid figures: sphere, cylinder, rectangular solid, cube, cone
- 7.3 Spatial relationships: top, middle, bottom; left, right; over, under; inside, outside; on, off; front, back
- 7.4 Patterns

Goal 8: Estimation

- 8.1 Numbers of objects
- 8.2 Length: centimeter
- 8.3 Weight: weighs more, weighs less
- 8.4 Capacity: hold more, holds less

Goal 9: Measurement

- 9.1 Size: larger, smaller
- 9.2 Length, height: longer, shorter; non-standard units; inch; centimeter
- 9.3 Capacity: holds more, hold less; cup, quart, gallon, liter
- 9.4 Temperature: hot, cold
- 9.5 Time: to hour
- 9.6 Calendar: days, weeks, months, years
- 9.7 Money: penny, nickel, dime, quarter

Goal 10: Problem Solving and Graphs

- 10.1 Oral word problems; graphs; probability
- 10.2 Pictograph, bar graph, tallies

First Grade

Bible

Goal 1: Bible Content and Skills

- 1.1 Chronological and thematic study of the Old and New Testaments
- 1.2 Knowledge of Bible Characters including: Noah, Abraham, Moses, Jesus, Peter, Paul
- 1.3 Knowledge of Bible themes include: God keeps His promises, God's guidance, God's care, God gives strength, Bible, prayer
- 1.4 Lessons for Thanksgiving, Christmas, Easter
- 1.5 Using the table of contents of a Bible to locate a verse

Goal 2: Character Emphasis

- 2.1 Character traits used in application stories to show students need of Christ as Savior
- 2.2 Ways to apply Biblical principles to personal life situations

Goal 3: Scripture Memory

- 3.1 Answers 159 questions correlated with 10 Biblical themes
- 3.2 Memorize 36 verses or passages

Science

Goal 1: Earth Science

- 1.1 Earth
 - Air: temperature; movement
 - Water cycle: evaporation; condensation; precipitation; clouds
 - Weather: temperature; wind; four forms of precipitation; meteorologists; thermometer; recording weather observations
 - Stewardship: keeping the earth clean; not wasting water and food
- 1.2 Space
 - Sun: parts of sun, path of sun
 - Moon: shape of the moon; composed of rock
 - Stars: constellations; sun as a star

Goal 2: Life Science

- 2.1 Living Things
 - Plants: roots; stems; leaves; jobs of the different parts; ways to group plants; eating plants
 - Flowers: fruits; seeds; grouping flowers
 - Animals: tame animals, livestock; wild animals in the woods and zoos
- 2.2 Human Body
 - Senses: seeing; touching; tasting; smelling; hearing
 - Teeth: parts of teeth; two sets of teeth; types, functions, and care of teeth

Goal 3: Physical Science

- 3.1 Motion: pushes and pulls; gravity; magnetic force; mechanical force; friction
- 3.2 Energy and heat: melting and freezing; vaporizing and condensing; temperature changes
- 3.3 Energy and sound: vibration; travels in all directions through gas, liquid, and solid; uses of sound
- 3.4 Matter: space; weighted; solid, liquid, and gas forms

Heritage Studies

Goal 1: Geography

- 1.1 Map skills; compass rose, map symbols, keys
- 1.2 Tracing routes
- 1.3 Transportation
- 1.4 Simple mapmaking

Goal 2: World History

- 2.1 Vikings
- 2.2 Explorers

Goal 3: American History

- 3.1 Columbus and the New World
- 3.2 Native Americans
- 3.3 Plymouth Plantation; other first settlements

Goal 4: Government and Economics

- 4.1 God's laws and man's laws
- 4.2 Schools then and now
- 4.3 Trading with the Native Americans
- 4.4 Need and wants

Goal 5: Culture

- 5.1 Religion: one true God
- 5.2 Families
- 5.3 Family trees

Math

Goal 1: Numeration

- 1.1 Identify numbers 0-999
- 1.2 Writing numbers 0-100
- 1.3 Number words: 0-20

Goal 2: Number Sense

- 2.1 Ordinals: first-tenth; first, next, last; before, after, between
- 2.2 Pattern; sequencing: first, next, last; before, after, between
- 2.3 Number line
- 2.4 Place value: hundreds, tens, ones; 10 more/10 less; 100 more/100 less; even/odd numbers; compare with $<$ and $>$; expanded form

Goal 3: Counting

- 3.1 Count to 1000 by 1s
- 3.2 Count to 1000 by 100s
- 3.3 Count to 200 by 10s
- 3.4 Count to 100 by 5s
- 3.5 Count to 50 by 2s
- 3.6 Count to 30 by 3s

Goal 4: Addition

- 4.1 100 basic facts
- 4.2 2-digit and 3-digit addends
- 4.3 Rename 10 ones as 1 ten
- 4.4 Column addition; equation; vertical form; word problems
- 4.5 Order principle, zero principle, grouping principle

Goal 5: Subtraction

- 5.1 100 basic facts
- 5.2 2-digit minuend and subtrahend
- 5.3 Equation; vertical form; money
- 5.4 Word problems; take-away, comparison, missing addend
- 5.5 Zero principle

Goal 6: Multiplication and Division

- 6.1 Multiplication readiness; repeated addition; doubling; counting by 2s, 3s, 5s
- 6.2 Equations and word problems
- 6.3 Division readiness; fair shares

Goal 7: Fractions and Decimals

- 7.1 Equal parts; halves; thirds; fourths
- 7.2 Part of a set of objects; fair shares

Goal 8: Geometry

- 8.1 Flat shapes: circle, square, triangle, rectangle; sides and corners; symmetry; same size; same shape
- 8.2 Solid figures; sphere, cylinder, rectangular prism, cube, cone, pyramid; corners, faces, curves
- 8.3 Spatial relationships; patterns; perimeter

Goal 9: Estimation

- 9.1 Numbers of objects
- 9.2 Length: inch; centimeter
- 9.3 Weight: weighs more, weighs less
- 9.4 Capacity: holds more, holds less

Goal 10: Measurement

- 10.1 Length/Height: non-standard units, inch, centimeter
- 10.2 Weight: weighs more, weighs less; pound
- 10.3 Mass: kilogram
- 10.4 Capacity: holds more, holds less; cup, quart, gallon, liter
- 10.5 Temperature: Fahrenheit, Celsius
- 10.6 Measuring tools: ruler, scale, thermometer, cup
- 10.7 Time: 5-minute interval; elapsed time
- 10.8 Calendar: days, weeks, months, years
- 10.9 Money: penny, nickel, dime, quarter

Goal 11: Problem Solving and Graphs

- 11.1 Word problems
- 11.2 Graphs, tables, pictograph, bar graph, tallies
- 11.3 Money

Phonic and English**Goal 1: Pre-Reading Skills**

- 1.1 Interpreting pictures
- 1.2 Sequencing
- 1.3 Matching sounds with pictures

Goal 2: Listening

- 2.1 Listening enjoyment: songs, stories, poems, nursery rhymes, and folktales
- 2.2 Listening comprehension: interpreting information, listening for facts and details, following directions, making critical judgments, making application, identifying a main idea

Goal 3: Oral Communication

- 3.1 Taking part in songs, discussion, sharing of ideas, action rhymes, pantomimes, dialogues, and choral readings
- 3.2 Re-telling stories

Goal 4: Phonemic Awareness and Phonics

- 4.1 Using auditory discrimination and letter sound association for each of the sounds and their spellings
- 4.2 Identifying: consonant blends and diagraphs; vowel diagraphs and diphthongs; r-influenced vowels
- 4.3 Recognizing soft and hard c and g, the silent consonants, open and closed syllables

- 4.4 Decoding 130 phonograms or word families
- 4.5 Developing word recognition skills
- 4.6 Recognizing rhyme writing analogies
- 4.7 Reading phrases and sentence with comprehension

Goal 5: Vocabulary

- 5.1 Determining meaning from context
- 5.2 Synonyms, antonyms, compound words

Goal 6: Structural Analysis and Study Skills

- 6.1 Counting syllables, dividing words
- 6.2 Base words, prefixes, suffixes
- 6.3 Using alphabetical order
- 6.4 Following directions
- 6.5 Reading a color key
- 6.6 Reading for the main idea

Goal 7: Composition

- 7.1 Oral composition: dictating a word, a phrase, and a sentence; describing an experience; sharing an idea
- 7.2 Written composition: completing a sentence, a story, and a rhyme; writing complete sentences; stories, letters, poems, a recipe, instruction; journaling; learning the five steps in the writing process

Goal 8: Grammar and Mechanics

- 8.1 Capitalization and punctuation: periods, question marks, exclamation points, commas, contractions, possessives
- 8.2 Parts of speech: action words; naming words; describing words
- 8.3 Position words; comparatives; superlatives

Reading

Goal 1: Word Recognition

- 1.1 Review and application of phonics concepts
- 1.2 Context clues for vocabulary
- 1.3 Service words; compound words; words with prefixes and suffixes
- 1.4 Antonyms, synonyms; contractions; syllable division

Goal 2: Comprehension

- 2.1 Literal, interpretive, critical, appreciative levels; Biblical truths; interpret pictures; setting; character motives; character traits
- 2.2 Make inferences; draw conclusions; main idea; predict outcome; sequence events; true/false statements
- 2.3 Classify; compare and contrast; comparatives/superlatives; follow directions; size/spatial/time relationships; cause and effect; punctuation; sentence sense

Goal 3: Vocabulary

- 3.1 Meaning from context
- 3.2 Synonyms; contractions
- 3.3 Action words; describing words; naming words; compound words; analogies; riddles; prefixes; suffixes; Bible words

Goal 4: Literature

- 4.1 Reading a variety of genres: realistic fiction, folktales, fables, historical fiction, Bible accounts, missionary stories, drama, informational articles
- 4.2 Fanciful elements; rhyme; similes; onomatopoeia

Goal 5: Study Skills

- 5.1 Book parts; alphabetizing; color key; maps; diagrams; skimming; scanning; glossary skills; locate information
- 5.2 Days of the week; calendar

Goal 6: Silent and Oral Reading

- 6.1 Silent Reading: Read for specific information; read for author's message; read for comprehension, drawing conclusions
- 6.2 Oral Reading: Communicate message of the author; communicate meaning; communicate mood; portray emotion; respond to punctuation; portray characters

Goal 7: Composition

- 7.1 Describe a picture, an experience, an object, a place, and an event
- 7.2 Write a newspaper article, a letter, a journal entry, and a poem
- 7.3 Complete a sentence, a story frame
- 7.4 Write a response to the theme of a story, an event from another point of view, and things learned about God

Spelling

Goal 1: Sight Words and Spelling Patterns

- 1.1 Sight words
- 1.2 Spelling patterns
- 1.3 Suffixes: -ed, -er, -es, -est, -ing, -s

Goal 2: Comprehension Activities and Dictionary Skills

- 2.1 Use spelling words in context
- 2.2 Alphabetical order, finding entry words; estimating the place of a word in the dictionary; recognizing syllables, word forms, sample sentences, guide words

Handwriting

Goal 1: Letter Formation

- 1.1 Letter formation
- 1.2 Upper and lower case

Goal 2: Consistency

- 2.1 Holding pencil correctly, paper position, posture, and spacing
- 2.2 Being consistent in slant and letter alignment; placing words on a line correctly; practicing letter formation with words, sentences, Bible principles, and poems

2nd Grade

Bible

Goal 1: Bible Content

- 1.1 Integrates doctrine into a chronological and thematic study of the Old and New Testaments
- 1.2 Knowledge of Bible characters including: Abraham, Balaam, Samson, Gideon, Nehemiah, Esther, Daniel, Jesus
- 1.3 Knowledge and application of Bible themes including: God is my King, obedience, humility, serving, forgiveness, giving
- 1.4 Knowledge of lessons for Thanksgiving, Christmas, Easter

Goal 2: Bible Study Skills

- 2.1 Understanding parts of a verse
- 2.2 Interpreting meaning
- 2.3 Using a Bible glossary and table of contents

Goal 3: Character Emphasis

- 3.1 Uses and applies character traits from Bible stories
- 3.2 Recognizes a person's need for a Savior and ways to apply Biblical principles to personal life situations

Goal 4: Scripture Memory

- 4.1 Memorizes 36 verses or passages
- 4.2 Memorizes 159 questions correlated with 10 Biblical themes

Science

Goal 1: General Science

- 1.1 Knows process skills: observing, classifying, measuring, inferring, predicting, communicating
- 1.2 Uses science tools: hand lens, ruler, balance, measuring cup, thermometer

Goal 2: Earth Science

- 2.1 Earth
 - Parts of the earth: the surface of the earth, globes, volcanoes, earthquakes, layers of the earth
 - Movement of the earth: sunrise, sunset, rotation, daytime, nighttime, revolution, seasons
 - Natural resources: conservation, water, soil, erosion, fossil fuels, reduce, reuse, recycle
- 2.2 Space
 - Earth in space: rotation revolution; day and night; seasons

Goal 3: Life Science

3.1 Living Things

- Living things: living contrasted with nonliving things, basic needs (food, water, space, shelter), characteristics of living things, life cycles
- Fossils and dinosaurs: Creation, evolution, fossils, ways fossils form, dinosaurs, kinds of dinosaurs
- Plants: parts of a plant, what plants need, seeds, seed dispersal, plant life cycle
- Biomes: community, population, habitat, environment, desert, rainforest, tundra, forests, ocean, pond

3.2 Human body

- Systems of the body: skeletal, muscular, circulatory, respiratory, digestive,
- food and exercise

Goal 4: Physical Science

4.1 Motion: forces, motion, friction, gravity, weight, magnetism

4.2 Energy: light and shadow: sources of light, reflection, colors, transparent, opaque, shadows

4.3 Matter: matter and heat: forms of matter (solid, liquid, gas), changing forms (freezing, melting), temperature, thermometer

Heritage Studies

Goal 1: Geography

1.1 Map skills: compass rose, keys

1.2 Simple mapmaking; kinds of maps: historical, city

1.3 Picture graphs

Goal 2: World and American History

2.1 Kings and queens of world history

2.2 Colonial life in America

2.3 Founding of Jamestown

2.4 War of Independence

Goal 3: Government, Economics, and Culture

3.1 Constitutional Convention

3.2 Starting a country

3.3 Kings make rules

3.4 Farming and shop keeping

3.5 Community life and clothing

Math

Goal 1: Numeration

1.1 Identify and write 0 - 9,999

1.2 Number words: zero to nine hundred ninety-nine

Goal 2: Number Sense and Counting

- 2.1 Place value: thousands/hundreds/tens/ones
- 2.2 10 more/10 less; 100 more/100 less
- 2.3 Even/odd numbers; round to the nearest ten and hundred; compare with $<$ and $>$; expanded form
- 2.4 Ordinal numbers: first-twentieth
- 2.5 Patterns; sequencing: before, after, between; number line
- 2.6 Count by 1s, 5s, 10s, and 100s; by 2s to 60; by 3s to 30; by 4s to 40

Goal 3: Addition

- 3.1 100 basic facts; fact families; 4-digit addends; column addition
- 3.2 Rename 10 ones as 1 ten; 10 tens as 1 hundred; 10 hundreds as 1 thousand;
- 3.3 Money word problems and strategies
- 3.4 Order principle, zero principle, grouping principle

Goal 4: Subtraction

- 4.1 100 basic facts; fact families;
- 4.2 3-digit and 4-digit minuend and subtrahend
- 4.3 Rename 1 ten as 10 ones, 1 hundred as 10 tens, 1 thousand as 10 hundreds
- 4.4 Money and word problems strategies; take-away, comparison, missing addend
- 4.5 Zero principle

Goal 5: Multiplication and Division

- 5.1 Repeated Addition; array; number line; equation; vertical form; factors: 0-5, 10 word problems
- 5.2 Order principle, identity principle, zero principle
- 5.3 Equal sets; equation; missing factor; divisor: 1-5; word problems

Goal 6: Algebra Readiness

- 6.1 Equation; missing addend; missing factor
- 6.2 Order principle, grouping principle, zero principle

Goal 7: Fractions and decimals

- 7.1 Equal parts, halves to tenths; part of a set; fair share
- 7.2 Compare with common denominators; compare with 1 as the numerator
- 7.3 Money

Goal 8: Geometry

- 8.1 Plane figures: circle, square, triangle, rectangle, pentagon, hexagon, oval; sides, vertices; similar, congruent; symmetry; slides, flips, turns
- 8.2 Solid figures: sphere, cylinder, rectangular prism, cube, cone, pyramid; faces, edges, vertices, curves
- 8.3 Lines: horizontal/vertical; parallel/intersecting
- 8.4 Area; perimeter

8.5 Patterns

Goal 9: Estimation

9.1 Round to nearest ten and hundred

9.2 Length: inch, foot, yard; centimeter, meter

9.3 Weight: more than/less than 1 pound, 1 ounce

9.4 Mass: more than/less than 1 kilogram; about 1 gram/more than 1 gram

9.5 Capacity: more than/less than 1 cup, 1 pint, 1 quart, 1 gallon; more than/less than 1 liter

Goal 10: Measurement

10.1 Length: inch, foot, yard; centimeter, meter

10.2 Weight: more than/less than 1 pound, 1 ounce

10.3 Mass: more than/less than 1 kilogram; about 1 gram/more than 1 gram

10.4 Temperature: Fahrenheit; Celsius

10.5 Measuring tools: ruler, scale, thermometer, cup, liter

10.6 Time: 5-minute interval; AM/PM; elapsed time

10.7 Calendar: day, week, month, year

10.8 Money: penny, nickel, dime, quarter, half-dollar, 1 dollar

Goal 11: Problem Solving and Graphs

11.1 Word problems

11.2 Graphs, tables, charts, map skills, pictographs, bar graph, coordinate graph, line graphs, circle graphs, tallies

11.3 Probability and money

English (Writing and Grammar)

Goal 1: Parts of Speech

1.1 Noun: common, proper, singular, plural, abbreviations

1.2 Verb: action, linking, present and past tenses

1.3 Pronoun

1.4 Adjective

Goal 2: Sentence Structure

2.1 Sentence: fragment; subject part and action part

2.2 Sentence types: telling, question, command, strong feeling

Goal 3: Mechanics and Usage

3.1 Capitalization: proper nouns, titles, initials, I

3.2 Punctuation: period, question mark, exclamation point, comma, apostrophe; book title; contractions

3.3 Homophones; pronoun reference; double negatives

Goal 4: Writing Skills and Projects

- 4.1 Using a thesaurus to find colorful and exact words; planning with a word web, time-order chart, story map, and senses chart
- 4.2 Revising; proofreading; writing conferences; combining sentences
- 4.3 Personal narrative; instruction; couplet: shape poem; book reports; friendly letter; make-believe story; description; research report

Goal 5: Study and Reference Skill

- 5.1 Alphabetical order; parts of a book; title page and table of contents
- 5.2 Dictionary: guide words, parts of an entry
- 5.3 Library: telephone directory; taking notes

Goal 6: Listening and Speaking Skills

- 6.1 Good listening skills
- 6.2 Speaking tips and oral book reports

Reading

Goal 1: Word Recognition

- 1.1 Re-teaching of phonics
- 1.2 Counting syllables and syllable division
- 1.3 Base words: prefixes and suffixes
- 1.4 VC/CV patterns
- 1.5 Compound words, consonant and -le; accent in compound words; context clues; service words

Goal 2: Comprehension and vocabulary

- 2.1 Literal, interpretive, critical appreciative levels, classify; sequencing; cause and effect
- 2.2 Following directions, relevant information; draw conclusions; compare and contrast; develop opinions; main idea; make inferences; predict outcome
- 2.3 True/False statements; time/place relationships; abbreviations; capitalization; comparatives/superlatives; possessives; pronouns; punctuation
- 2.4 Meaning from context; antonyms; synonyms; prefixes and suffixes; analogies; compound words; contractions

Goal 3: Literature

- 3.1 Setting; plot; point of view; metaphor; simile; fanciful elements; idioms; imagery; foreshadowing and personification
- 3.2 Repetition in poetry; rhythm; onomatopoeia; alliteration; character development; character motives; character traits; main and lesser characters

Goal 4: Study Skills

- 4.1 Alphabetizing; glossary; table of contents; books of the Bible; calendar; recipe; poem stanzas; hymn verses; globe; maps; diagrams; graphs;

4.2 Semantic maps

Goal 5: Silent and Oral Reading

5.1 Purpose for reading; author's message; Biblical truth

5.2 Communicate message of the author; communicate mood; convey dialogue, emotion, meaning; portray a character; choral reading; drama; respond to punctuation

Goal 6: Composition

6.1 Setting; text for illustration

6.2 Couplet; personal essay or experience; thank you notes

Spelling

Goal 1: Sight words and Spelling Patterns

1.1 Spelling lists and word families: suffixes: -s, -es, -ed, and -ing; compound words; silent letters

1.2 Spelling application; dictation sentences on tests

Goal 2: Comprehension Activities and Dictionary Skills

2.1 Comprehension activities; use of spelling words in context

2.2 Journal writing

2.3 Dictionary skills: alphabetical order; estimating the place of a word in the dictionary; recognizing guide words, entry words, sample sentences, and word forms; dividing words into syllables

Handwriting

Goal 1: Letter formation

1.1 Maintaining manuscript alphabet

1.2 Mastering cursive alphabet

Goal 2: Consistency

2.1 Maintaining good handwriting skills: good posture, paper positioning, pencil hold, correct letter formation, slant, alignment, rhythm, spacing, neatness

2.2 Applying use in subject content areas

Third Grade

Bible

Goal 1: Bible Content

- 1.1 Integrates doctrine into a chronological and thematic study of the Old and New Testaments
- 1.2 Knowledge of Bible characters including: Samuel, David, Elijah, Elisha, Daniel, Ezra, Nehemiah, Esther
- 1.3 Knowledge and application of Bible themes including: parables and salvation series of study
- 1.4 Knowledge of lessons for Thanksgiving, Christmas, Easter

Goal 2: Bible Study Skills

- 2.1 Understanding parts of a verse
- 2.2 Interpreting meaning
- 2.3 Using a Bible glossary and table of contents

Goal 3: Character Emphasis

- 3.1 Uses and applies character traits from Bible stories
- 3.2 Recognizes a person's need for a Savior
- 3.3 Ways to apply Biblical principles to personal life situations

Goal 4: Scripture Memory

- 4.1 Memorizes Hebrews Chapter 11, the Hall of Faith
- 4.2 Memorizes 159 questions correlated with 10 Biblical themes

Science

Goal 1: Earth Science and Space

- 1.1 Rocks: how they form (igneous, sedimentary, metamorphic), weathering
- 1.2 Minerals: uses, characteristics of minerals
- 1.3 Soil: layers of soil, humus
- 1.4 Weather: atmosphere, temperature, precipitation, water cycle, weather instruments (rain gauge, weather vane, anemometer) drought, clouds, wind, meteorologist, weather forecast, storms (tornado, hurricane, blizzard)
- 1.5 Solar system: the sun, planets, asteroids and dwarf planets, constellation, astronomers, telescopes

Goal 2: Life Science: Living Things and Human Body

- 2.1 Cold-blooded animals: fish, amphibians, reptiles
- 2.2 Warm-blooded animals: birds, mammals, instincts and learned behaviors
- 2.3 Plants: parts of a plant, photosynthesis, chloroplasts, chlorophyll, stomata, uses of plants
- 2.4 Ecosystems: characteristics of living things, environment, population, habitats, producers, consumers, decomposers, herbivores, omnivores, carnivores, food chains,

- food webs, predator, prey, changes in ecosystems, resources, balancing ecosystems
- 2.5 Cells; microscope, cell sizes and shapes, one-celled living things, parts of cells, tissues, organs, systems
- 2.6 Ear: parts of the ear, how sound travels through the ear
- 2.7 Skin: epidermis, dermis, characteristics of skin, melanin, fingerprints, nerves, blood vessels, sweat glands, pores, oil glands, skin care

Goal 3: Physical Science

- 3.1 Motion: forces, friction, gravity, weight, magnetism, motion, work, energy, kinds of energy
- 3.2 Energy: Sound: vibrations, causes of sound, sound waves, speed of sound through matter, reflected sound waves, echoes, absorbing sound waves, characteristics of sound (pitch, volume, quality), using sound
- 3.3 Matter: properties of matter, mass, balance, volume, graduated containers, states of matter (solid, liquid, gas), changing states of matter, evaporation, condensation, properties of water, physical changes, mixtures, chemical changes

Heritage Studies

Goal 1: Geography

- 1.1 Map skills
- 1.2 Kinds of Maps: time zone, grid
- 1.3 Climates
- 1.4 States and regions

Goal 2: World History and American History

- 2.1 French Revolution
- 2.2 American frontier
- 2.3 States and regions
- 2.4 American Civil War
- 2.5 Wild West
- 2.6 Transportation developments

Goal 3: Government and Economics

- 3.1 Constitutional Convention
- 3.2 Bill of Rights
- 3.3 Railroads

Goal 4: Culture

- 4.1 Folktales, legends, fables
- 4.2 Songs of war and peace
- 4.3 American celebrations

Math

Goal 1: Number Sense

- 1.1 Recognize and write 0-1,000,000 with numerals and words; Roman Numerals XI-XII
- 1.2 Ordinals; first through ninety-ninth; order; number line; 10 more/10 less; place value; ones to hundred thousands; expanded form; even/odd numbers; round to the nearest ten; hundred; one thousand; compare with $>$ and $<$

Goal 2: Counting

- 2.1 Count by 1s, 2s, 5s, 10s, 100s, 1,000s, 10,000s;
- 2.2 Count by 2s to 20; by 3s to 30; by 4s to 40, by 5s to 50, by 6s to 60, by 7s to 70, by 8s to 80, by 9s to 90

Goal 3: Addition

- 3.1 100 basic facts; fact families; five-digit addends; column addition
- 3.2 Rename 10 ones as 1 ten to 10 one thousands as 1 ten thousand
- 3.3 Word problems
- 3.4 Commutative property
- 3.5 Associative property
- 3.6 Identity property

Goal 4: Subtraction

- 4.1 100 basic facts; fact families
- 4.2 Five-digit minuend and subtrahend
- 4.3 Word problems; strategies; take away
- 4.4 Rename 1 ten as 10 tens to 1 ten thousand as 10 one thousands
- 4.5 Comparison, missing addend
- 4.6 Zero property

Goal 5: Multiplication

- 5.1 110 basic facts; fact families; multiples, repeated addition; arrays; number line; equation; vertical form
- 5.2 1 digit factors; 2 to 3 digits by 1 digit
- 5.3 Renaming; strategies; word problems
- 5.4 Commutative property; associative property; identity property; zero property

Goal 6: Division

- 6.1 110 basic fact; fact families
- 6.2 Equal sets; repeated subtraction; measurement; equations; division word problems
- 6.3 2 and 3 digits by 1 digit; 1 digit remainders

Goal 7: Algebra Readiness

- 7.1 Equations missing addend
- 7.2 Equations missing factors
- 7.3 Negative numbers (temperature) and properties

Goal 8: Fractions and Decimals

- 8.1 Part of a whole; part of a set; equivalent fractions, compare; order; mixed numbers
- 8.2 Add and subtract like fractions
- 8.3 Read and write tenths and hundredths; mixed numbers
- 8.4 Compare; order; add and subtract
- 8.5 Rename 10 tenths as 1 one and 10 hundredths as 1 tenth
- 8.6 Word forms; money; word problems

Goal 9: Geometry

- 9.1 Plane figures; circle, polygons, square, triangle, rectangle, pentagon, hexagon, octagon; edge, vertex, slides, flips, turns
- 9.2 Solid figures; sphere, cube, cylinder, cone, rectangular prism, rectangular pyramid; faces; edges; vertices; curved surface
- 9.3 Lines: horizontal/vertical; parallel and intersecting; symmetry
- 9.4 Area; perimeter; patterns

Goal 10: Estimation

- 10.1 Round to nearest ten, hundred, and one thousand
- 10.2 Length; distance; capacity; weight; mass

Goal 11: Measurement

- 11.1 Length: $\frac{1}{2}$ inch, foot, yard, mile, centimeter, meter, kilometer
- 11.2 Capacity: cup, pint, quart, gallon; milliliter, liter
- 11.3 Weight: ounce, pound
- 11.4 Mass: gram, kilogram
- 11.5 Temperature: Fahrenheit and Celsius
- 11.6 Time: 1-minute interval; before/after the hour; AM/PM; noon/midnight
- 11.7 Calendar; date, future date; schedule
- 11.8 Money: coins; five-dollar bill; ten-dollar bill; dollar sign; decimal point; addition, subtraction

Goal 12: Problem Solving, Data, and Graphs

- 12.1 Word problems; graphs; tables; charts; schedule; map skills; logic; probability; money; multi-step problems; problems with too little information; problem solving plan
- 12.2 Bar graph, pictograph; line plot; line graph, coordinate graph; circle graph; tables and charts; tallies

English**Goal 1: Parts of Speech**

- 1.1 Noun: common, proper, singular, plural, possessive, abbreviation
- 1.2 Verbs: action, linking, helping, present, past, and future tenses
- 1.3 Pronoun: subject, object, possessive
- 1.4 Adjective, adverb

Goal 2: Sentence Structure

- 2.1 Sentence; fragment; simple subject, predicate, simple predicate
- 2.2 Sentence type: declarative, interrogative, imperative, exclamatory, compound sentence
- 2.3 Compound subjects; compound predicates; diagramming

Goal 3: Mechanics and Usage

- 3.1 Capitalization: proper nouns, titles, initials
- 3.2 Punctuation: period, question mark, exclamation point, comma, apostrophe, quotation marks, book titles
- 3.3 Homophones; pronoun reference; subject/verb agreement

Goal 4: Writing Skills and Writing Projects

- 4.1 Using a thesaurus to find colorful and exact words; planning with a word web, time-order chart, story map and Venn diagram
- 4.2 Revising; proofreading; writing conferences; combining sentences
- 4.3 Projects: game instruction; friendly letter; persuasive essay; fictional story; book report; sound poem; research report; compare-contrast essay

Goal 5: Study, Reference, Listening, and Speaking Skills

- 5.1 Alphabetical order; parts of a book; title page, copyright page, table of contents, index, glossary
- 5.2 Alphabetical order; parts of a book: title page, copyright page, table of contents, index, glossary
- 5.3 Dictionary; guide words, parts of an entry, multiple definitions
- 5.4 Encyclopedia, atlas, library skills; taking notes
- 5.5 Good listening skills; introduction; speaking tips

Reading**Goal 1: Word Recognition**

- 1.1 Phonics review; introduction of several variant spellings
- 1.2 Syllable division; Base words/prefixes/suffixes, VC/CV pattern, compound words, prefixes/suffixes, two-syllable words, words ending with –tion; context clues; service words review

Goal 2: Comprehension

- 2.1 Literal, interpretive, critical, appreciative levels; classify; sequencing; cause and effect; relevant/irrelevant information
- 2.2 Draw conclusion; compare and contrast; develop opinions; main idea; predict outcomes; problems/solutions; make inferences; critical thinking
- 2.3 Time/place relationships; abbreviations; comparatives/superlatives; possessives; pronoun references

Goal 3: Vocabulary and Literature

- 3.1 Meaning from context; antonyms; synonyms; prefixes; suffixes; analogies; compound words; contractions
- 3.2 Setting; plot; point of view; metaphor; simile; fanciful elements; idioms; imagery; foreshadowing; personification; conflict
- 3.3 Rhyme; rhythm; quatrains in poetry; alliteration; onomatopoeia
- 3.4 Main character; development; character traits; humor; sarcasm; suspense

Goal 4: Study Skills

- 4.1 Glossary; table of contents; calendar; schedule; diagrams; maps; newspaper; classified ad; graphs; Bible concordance; biographical dictionary; encyclopedia; timeline; cross-references
- 4.2 PQ3R study method; skimming; scanning

Goal 5: Silent and Oral Reading

- 5.1 Purpose for reading; author's message; Biblical truths
- 5.2 Communicate message of the author; communicate mood, motive; convey emotion; portray a character; choral reading; drama

Goal 6: Composition

- 6.1 Simile; alliterative phrases; news article
- 6.2 Personal narratives

Spelling

Goal 1: Sight Words and Spelling Patterns

- 1.1 130 word families; suffixes –er, -est, -ing, -s, and –tion day of the week
- 1.2 Spelling application; dictation sentences on tests

Goal 2: Comprehension Activities and Dictionary Skills

- 2.1 Use spelling words in context
- 2.2 Journal writing
- 2.3 Dictionary skill; alphabetizing words to the third letter; recognizing guide words, entry words, sample sentences, word forms and two-syllable words; dividing words into syllables

Handwriting

Goal 1: Letter Formation

- 1.1 Maintaining cursive alphabet; uppercase and lowercase
- 1.2 Maintaining good handwriting skills using 3/8 inch writing lines

Goal 2: Consistency

- 2.1 Applying use in subject content areas-Bible, math, English skills, science, Heritage studies
- 2.2 Copying good cursive models that include Scripture, poetry, timelines, tables, diaries, logs, maps, quotations, character traits, and hymns

Fourth Grade

Bible

Goal 1: Bible Content

- 1.1 Integrates doctrine into a chronological and thematic study of the Old and New Testaments
- 1.2 Bible characters include: Moses, Rahab, David, Solomon, Hezekiah, Elisha, Timothy, Stephen, Paul, Jesus
- 1.3 Themes include: attributes of God, Bible study and prayer, faithfulness, contentment, the Church
- 1.4 Lessons for Thanksgiving, Christmas, Easter

Goal 2: Bible Study Skills

- 2.1 Using abbreviations of Bible books
- 2.2 Using a concordance
- 2.3 Reinforces: using the table of contents of the Bible, interpreting meaning, using cross-references
- 2.4 Character emphasis
- 2.5 Character traits used in application stories to show students' need of Christ as Savior and ways to apply Biblical principles to personal life situations

Goal 3: Scripture Memory

- 3.1 159 questions correlated with 10 Biblical themes
- 3.2 Memorize 36 verses or passages

Science

Goal 1: Earth Science: Earth and Space

- 1.1 Changes on the earth: volcanoes, earthquakes, frost, action, abrasion, weathering, erosion, deposition, landslides, avalanches
- 1.2 Landforms: deltas, dunes, glaciers
- 1.3 Soil: formation, conservation
- 1.4 Natural resources: renewable resources (soil, water, trees, conservation, pollution, hydro-electric power, wind energy, solar energy), nonrenewable resources (fossil fuels), reduce, reuse, recycle
- 1.5 Water and oceans: water cycle, tides, waves, deep ocean currents, surface currents, ocean floor, ocean depths, ocean creatures
- 1.6 Moon: shape and size, atmosphere and temperature, mass and gravity, light, features (maria, mountains, craters, rills), revolution, rotation, phases, eclipses
- 1.7 History of the moon: man's theories, science, faith, age of the moon

Goal 2: Life Science: Living Things and Human Body

2.1 Living Things

- Insects: arthropods, body parts, protection, ways of eating, life cycles, metamorphosis, social insects (honeybees, ants)
- Spiders: webs, getting food
- Plants: flowering plants, parts of a flower, pollination, seeds, seed dispersal, seed parts, plant life cycle, reproduction, methods of classification
- Ecosystems: environment, basic needs, resources, competition, partnerships, migration, hibernation, changes, pollution
- Animal defenses: adaptations (camouflage, mimicry), armor, horns, protection

2.2 Human Body

- Eyes: parts of the eye, path of light through the eye, vision correction
- Digestive system: digestive tract, saliva, teeth, tongue, taste buds, esophagus, epiglottis, peristalsis, sphincter, stomach, gastric juices, chyme, small intestine, large intestine, pancreas, liver, gallbladder
- Nutrition; proteins, fats, carbohydrates, vitamins, minerals, food pyramid
- Skeletal-muscular system: skeleton, parts of bones, marrow, joints, ligaments, cartilage, muscles, injuries

Goal 3: Physical Science: Motion, Energy, and Matter

3.1 Motion: motion and machines; forces, friction, work, simple machines (levers, pulleys, wheels and axles, inclined planes, screws, wedges)

3.2 Energy

- Electricity; positive charges, negative charges, static electricity, current electricity, conductors, insulators, resistors, series circuits, parallel circuits
- Magnetism: magnetic field, uses of magnets, electromagnets, generators
- Light: sources of light, speed of light, transparent, translucent, opaque, shadows, visible spectrum, reflection, refraction, lens

3.3 Matter: measuring matter; length, volume, mass, weight

Heritage Studies

Goal 1: Geography

1.1 Map skills; hemispheres, equator, latitude/longitude, prime meridian, International Date Line, Tropics of Cancer and Capricorn, Arctic and Antarctic circles

1.2 Natural resources; climates, regions

Goal 2: World History and American History

2.1 Boer War

2.2 Boxer Uprising

2.3 Exploration of the South Pole

Goal 3: American History

3.1 Immigration

3.2 The fifty states (states, capitals, history, landmarks)

- 3.3 Inventions
- 3.4 American Industrial Revolution
- 3.5 Communication; pony express, newspapers, telegraph
- 3.6 Spanish-American War

Goal 4: Government and Economics

- 4.1 Branches of American government
- 4.2 Citizenship
- 4.3 Economics: supply and demand

Goal 5: Culture

- 5.1 Languages and adjustments of immigrants in America
- 5.2 Communication and transportation
- 5.3 Evangelism and missionary work

Math

Goal 1: Number Sense

- 1.1 Place value of whole numbers to 100 millions, recognize, write, and read
- 1.2 Recognize and write numerals, Roman numerals, and write words
- 1.3 Ordinal numbers 10 more/10 less
- 1.4 Place value: ones to hundred thousands; compare; expanded form; even/odd numbers; round to the nearest ten, hundred, one thousand, compare with $>$ and $<$

Goal 2: Counting

- 2.1 Count by 1s, 2s, 5s, 10s, 100s, 1000s, 10000s
- 2.2 Count by 2s to 20, by 3s to 30, by 9s to 90

Goal 3: Addition

- 3.1 100 basic facts; fact families; six-digit addends; column addition; rename 10 ones as 1 ten to 10 one thousands as 1 ten thousands
- 3.2 Strategies; word problems; money
- 3.3 Commutative, associative, and identity property

Goal 4: Subtraction

- 4.1 100 basic facts; fact families; six-digit minuend and subtrahend; rename 1 ten as 10 ones and 1 ten thousand as 10 one thousands
- 4.2 Strategies; word problems; money; take-away comparison; missing addend; unknown part
- 4.3 Zero property

Goal 5: Multiplication

- 5.1 110 basic facts; fact families; multiples; repeated addition; arrays; number line; equation; vertical form; 1-digit times 2-4 digits; 2 digits times 2-3 digits; renaming; strategies; word problems
- 5.2 Commutative, associative, identity, and zero property of multiplication; addition

principle

Goal 6: Division

6.1 110 basic facts; fact families; equal sets; repeated subtraction; measurement; problem solving strategies for word problems;

6.2 Computation; 2-4 digits by 1 digit; 2-3 digits by 2 digits; 1-2 digit remainders

Goal 7: Algebra Readiness

7.1 Equations, missing addend; missing factor

7.2 Negative numbers; function tables; variables

Goal 8: Fractions and Decimals

8.1 Fractions

- Part of a whole; part of a set; add and subtract like fractions and mixed numbers with like fractions; rename improper fractions
- Equivalent fractions; compare; order

8.2 Decimals

- Read and write tenths and hundredths; mixed numbers; compare; order; add and subtract
- Rename 10 tenths as 1 one and 10 hundredths as 1 tenth
- Word forms; money; word problem; round to nearest whole

Goal 9: Geometry

9.1 Plane figures: circle, polygon, square, triangle, rectangle, pentagon, hexagon, octagon; edge, vertex; slides, flips, turns

9.2 Solid figures; sphere, cube, cylinder, cone, rectangular prism, rectangular pyramid; face; edge; vertex; curved surface

9.3 Lines; horizontal/vertical, parallel/intersecting, segments, points, rays, angles/right, acute, obtuse

9.4 Symmetry; similar; congruent

9.5 Circle: radius, diameter

9.6 Perimeter; area; patterns

Goal 10: Estimation

10.1 Round to nearest ten, hundred, thousand

10.2 Round for addition, subtraction, multiplication, division

10.3 Length; distance; capacity; weight; mass

Goal 11: Measurement

11.1 Length: $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$ inch, foot, yard, mile; centimeter, meter, kilometer, millimeter

11.2 Capacity: cup, pint, quart, gallon; milliliter, liter

11.3 Weight: ounce, pound, ton

11.4 Mass; gram, kilogram

11.5 Temperature: Fahrenheit; Celsius

11.6 Time: 1 minute interval; past and future elapsed time to 5-minute interval; before/after the hour; noon/midnight

11.7 Calendar: date, future date; schedule

11.8 Money: coins; one, five, ten, and twenty dollar bills; dollar sign; decimal point; addition; subtraction; multiplication; division

Goal 12: Problem Solving and Data

12.1 Problem Solving

- multi-step word problems, problems with too little information, plans for problems solving

12.2 Data

- graphs; tables; charts, schedules; map skills, logic probability
- Pictographs, bar, line, circle, and coordinate graphs
- Tables, charts, tallies, line plot; stem and leaf plot
- Mean, median, mode, range, frequency

English

Goal 1: Parts of Speech

1.1 Noun: common, proper, singular, plural, possessive, abbreviation; as subject, object, predicate noun

1.2 Verb: action, linking, helping, present, past, future tenses

1.3 Pronoun: subject, object, possessive

1.4 Adjective; article, as predicate adjective

1.5 Adverb; preposition

Goal 2: Sentence Structure

2.1 Sentence; fragment; simple subject, predicate

2.2 Sentence types: declarative, interrogative, imperative, exclamatory; compound sentence

2.3 Compound subjects; compound predicates; clauses: independent, dependent; introductory phrases; prepositional phrases; diagramming

Goal 3: Mechanics and Usage

3.1 Capitalization; proper nouns, titles, initials

3.2 Punctuation: period, question mark, exclamation point, comma, apostrophe, quotation marks; titles of books, poems, and stories

3.3 Homophones; pronoun reference, subject/verb agreement; proper nouns confusion verbs, confusing contractions; double negatives

Goal 4: Writing Skills and Projects

4.1 Using a thesaurus to find colorful and exact words

4.2 Planning with a word web

4.3 Time order chart

4.4 Opinion chart, plot pyramid, T-chart, Venn diagram, and outline

4.5 Revising; proofreading writing conferences; combining sentences; writing a bibliography

4.6 Personal narrative, friendly letter with instructions, compare-contrast essay; book review, tall tale; research report; business letter, haiku, acrostic poem

Goal 5: Study, Reference, Listening and Speaking Skills

5.1 Identify parts of a book

5.2 Dictionary skills: guide words, parts of an entry, multiple definitions, multiple entries

5.3 Encyclopedia: periodical, library, atlas, outline, taking notes

5.4 Good listening skills, sharing a narrative; speaking tips

Reading

Goal 1: Word Recognition

1.1 Syllable division; accented syllable; primary/secondary accents;

1.2 Base words, prefixes/suffixes, schwa syllables, shift in accent

Goal 2: Comprehension

2.1 Literal, interpretive, critical, appreciative levels; biblical truth; cause and effect

2.2 Classify; sequence events; draw conclusion; predict outcomes

2.3 Fact/opinion; comparative/superlatives; main idea; relevant/irrelevant information

2.4 Place/size/time relationships; dialect, discernments; sense of history

Goal 3: Vocabulary and Literature

3.1 Vocabulary: meaning form context, prefixes, suffixes, roots, synonyms, antonyms, analogies, multiple meanings

3.2 Setting; plot, conflict, crisis, flashback, main character, character growth and change, point of view, foreshadowing, moral, personification, good/evil elements

3.3 Distinguishing genres, mood, haiku, simile, metaphor, hyperbole, idiom, onomatopoeia, imagery, rhymes

3.4 Exaggeration, suspense

Goal 4: Study Skills, Silent and Oral Reading, and Composition

4.1 Bible study, card catalog, Dewey decimal system, encyclopedia, key word, cross-reference, glossary; types of dictionaries, charts graphs, maps, timelines, captions, headlines, subtitles, outlining, skimming, scanning, paraphrasing schedules, diagrams

4.2 Silent reading: purposes: for information, for entertainment, for understanding, for spiritual growth, author's message, Biblical truth

4.3 Oral reading: communicate author's message; communicate mood and motive, convey emotion; portray character, convey meaning of Scripture; voice inflection, volume and pacing

4.4 Metaphor, simile, limerick, caption, dialogue

Spelling

Goal 1: Spelling Patterns

- 1.1 Spelling lists: based on spelling generalizations, abbreviation; homonyms, suffixes:
-en, -or, -ful and -less; prefixes: re-, and un-, months of the year; books of the Bible
- 1.2 Spelling Application: dictation sentences on tests

Goal 2: Comprehension and Dictionary Skills

- 2.1 Comprehension activities; use of spelling words in context
- 2.2 Journal writing
- 2.3 Dictionary skills: alphabetizing words to the third letter; recognizing guide words, entry word, sample sentences, and word forms

FIFTH GRADE

Bible Truths

Goal 1: Bible Content

- 1.1 Chronological and thematic study of the Old and New Testaments
- 1.2 Characters including: Levites, Samson, Boaz, Jonah, Rehoboam, King Asa, Philip and the eunuch
- 1.3 Themes: sin and grace; obedience, holiness, my body as God's temple, evangelism and missions, false teachers
- 1.4 Lessons for Thanksgiving, Christmas, Easter

Goal 2: Bible Study Skills

- 2.1 Using a Bible dictionary
- 2.2 Using a Table of Contents, interpreting meaning, using cross-references, using abbreviations, using a concordance

Goal 3: Character emphasis and scripture memory

- 3.1 Character traits used in application stories to show students their need of Christ as Savior and ways to apply Biblical principles to personal life situations
- 3.2 Scripture memory

Science

Goal 1: Earth Science; Earth and Space

- 1.1 Layers of the earth: characteristics of the core, mantle, crust
- 1.2 Soil: weathering; erosion; how soil is formed
- 1.3 Minerals: characteristics of minerals; uses of gems, metals, other minerals, mining
- 1.4 Rocks: formation of igneous, sedimentary, metamorphic rocks
- 1.5 Fossils: contrasting Creation and evolution; Genesis Flood; fossil formation; excavating and restoring fossils, dating and interpreting fossils
- 1.6 Layers of the atmosphere: characteristics of the troposphere, stratosphere, mesosphere, thermosphere, exosphere, and ozone layer
- 1.7 Weather: air; air pressure; temperature; air masses and fronts; winds, precipitation; clouds, storms, tornadoes, hurricanes, weather instruments, reading weather maps
- 1.8 Space technology; space capsule; space shuttle

Goal 2: Life Science; Living Things and Human Body

- 2.1 Dinosaurs: learning about dinosaurs from fossils; extinction
- 2.2 Biomes: plant and animal life in the tundra, coniferous forest, grasslands, desert, tropical rainforest, mountains, marine and freshwater biomes, wetlands
- 2.3 Ecosystems: environment; population; habitat; food chains; food webs; predator and prey; energy pyramids; competition; adaptation; migration; hibernation; symbiosis, instincts; learned behaviors; cycles (seasons, carbon, nitrogen, water; stresses (fires, floods, droughts, man-made; succession; native and invasive species, extinction, endangered species
- 2.4 Human Body: respiratory system; inhaling and exhaling; breathing muscles; the pharynx; larynx; vocal cords; trachea; bronchi; lungs, asthma and other breathing difficulties; dangers of smoking
- 2.5 Human Body: circulatory system; heart; arteries; veins; capillaries; blood cells; blood types. donating blood; excretory system

Goal 3: Physical Science; Energy and Matter

- 3.1 Energy: potential and kinetic, thermal, temperature, changing states of matter, thermal expansion, conduction, convection, radiation, fuel, unwanted heat
- 3.2 Sound: sound waves, frequency, speed, pitch, volume, timbre, echoes, ultrasound, music, acoustics
- 3.3 Light: electromagnetic waves, properties of waves, visible spectrum, refraction, reflection, colors, mirrors, lasers, electromagnetic spectrum
- 3.4 Matter: measuring matter: volume, mass, weight, density; states of matter; solids, liquids, gases; physical changes; melting freezing; vaporization; boiling; evaporation; condensation; atoms and molecules: identifying atoms, molecules, elements, compounds; mixtures: even and uneven mixtures; characteristics of solutions

Heritage Studies

Goal 1: Geography

- 1.1 Map skills: hemispheres, latitude, longitude
- 1.2 Kinds of maps: Mercator projection, political, physical, historical, time zone, road
- 1.3 Cartography
- 1.4 Cultural and natural boundaries
- 1.5 Natural resources and climate

Goal 2: World History

- 2.1 World War I and World War II
- 2.2 Korean and Vietnam Wars
- 2.3 Afghanistan and Iraq Wars

Goal 3: American History

- 3.1 Contributions of states and regions to America's history
- 3.2 Roaring Twenties
- 3.3 Depression of the 1930's
- 3.4 Events and personalities from 1900-2009
- 3.5 War on terror

Goal 4: Government, Economics, and Culture

- 4.1 Government: communism, socialism, capitalism
- 4.2 Economics: inventions: automobile and airplane; stock market and investments; supply and demand
- 4.3 Culture: languages, religions, customs

Math

Goal 1: Numeration, Number Sense, and Counting

- 1.1 Recognizing and writing 0 to 1,000,000,000,000; number words : zero to hundred billions; Roman numerals
- 1.2 Place value: ones to hundred billions; compare even and odd numbers; prime and composite numbers, round to the nearest ten , hundred, and thousand
- 1.3 Counting: Count by 1s, 5s, 10s, 100s, 1,000s

Goal 2: Addition and Subtraction

- 2.1 Memorize addition facts, fact families, solve 6 digit addends, column addition, money, find missing addends, word problems.
- 2.2 Addition Properties: associative, commutative, identity properties
- 2.3 Memorize subtraction facts, fact families, solve 6 digit subtrahend and minuend, comparison, money, zero principle, word problems.

Goal 3: Multiplication and Division

- 3.1 Basic facts, fact families, factor tree, GCF, LCM, array, cross products money, one, two, three and four digits times four digits, money word problems
- 3.2 Multiplication properties: commutative, associative, identity, distributive
- 3.3 Basic facts, fact families, money, measurement, missing factors, 5 digits by one and two digits, word problems

Goal 4: Algebra Readiness

- 4.1 Missing addend, subtrahend, minuend factors
- 4.2 Add and subtract positive and negative numbers
- 4.3 Word problems

Goal 5: Fractions and Decimals

- 5.1 Part of a whole, part of a set, equivalent fractions, compare, order
- 5.2 Add, subtract, multiply unlike fractions and mixed numbers,
- 5.3 Ratio, percent, word problems

- 5.4 Read, write, round, compare, order, add, subtract, multiply, divide tenths through thousandths
- 5.5 Money, percent and word problems

Goal 6: Geometry

- 6.1 Shapes, perimeters, areas solids, volumes
- 6.2 Circle, radius, diameter, chord circumference
- 6.3 Triangles: equilateral, isosceles, scalene, acute, obtuse, right
- 6.4 Lines: parallel, intersecting, perpendicular
- 6.5 Angles: right, acute, obtuse
- 6.6 Points, line segments, rays, symmetry, similar, congruent

Goal 7: Estimation

- 7.1 Rounding for addition, subtraction, multiplication, decimals
- 7.2 Overestimating, underestimating
- 7.3 Measurement

Goal 8: Measurement

- 8.1 Length. $\frac{1}{4}$ inch, foot, yard, mile, millimeter, centimeter, decimeter, meter, kilometer
- 8.2 Capacity: cup, pint, quart, gallon, milliliter, liter
- 8.3 Weight: ounce, pound, ton
- 8.4 Mass: milligram, gram, kilogram
- 8.5 Add, subtract, multiply metric and customary measures
- 8.6 Temperature: Fahrenheit and Celsius
- 8.8 Time: elapsed time, time zones, timeline

Goal 9: Problem Solving, Statistics and Graphs

- 9.1 Problem Solving: money, logic, probability, graphs, tables, charts, Venn diagrams; map skills, group problem solving, multi-step word problems
- 9.2 Single and double line graphs, pictographs, circle and coordinate graphs tables and charts, tallies, surveys, frequency tables, averages, mode, range, median

English

Goal 1: Parts of Speech

- 1.1 Noun: common, proper, singular, plural, possessive abbreviation, as subjects, objects, predicate nouns
- 1.2 Verb: action, linking, helping, present, past, future, perfect tenses
- 1.3 Pronoun: subject, object, possessive, reflexive
- 1.4 Adjective: article, demonstrative, proper, as predicate adjective, adverb
- 1.5 Prepositions; coordinating, subordinating conjunctions

Goal 2: Sentence Structure

- 2.1 Sentence: simple, compound, complex, fragment, simple subject, simple predicate

- 2.2 Sentence types: declarative, interrogative, imperative, exclamatory
- 2.3 Compound subjects: compound predicates, clauses, independent dependent phrases: introductory, prepositional, diagramming basic sentence patterns

Goal 3: Mechanics and Usage

- 3.1 Capitalization: proper nouns, titles, initials, I
- 3.2 Punctuation: period, question mark, exclamation point, comma, apostrophe, quotation marks; titles of books, poems and stories
- 3.3 Homophones. Pronoun reference; subject and verb agreement, proper nouns, confusing verbs, confusing contractions, double negatives

Goal 4: Writing Skills and Projects

- 4.1 Using a thesaurus, avoiding dishonest tactics in persuasion, revising run-on sentences; planning with a word web, time-order chart, opinion chart, scene map, event-details chart, T-chart, Venn diagram outline
- 4.2 Revising proofreading, writing conferences, combining sentences, writing a bibliography
- 4.3 Compare and contrast essay, persuasive business letter, diamante, sense poem, personal narrative, book review, research report, imaginative instruction play

Goal 5: Study and Reference Skills; Listening and Speaking Skills

- 5.1 Parts of a book: title page, copyright page, table of contents, index, glossary, bibliography
- 5.2 Dictionary: guide words, parts of an entry, multiple definitions, multiple entries (homographs)
- 5.3 Encyclopedia, periodical, library, atlas, almanac, textbook, outline taking notes
- 5.4 Good listening skills, oral book review; presenting a play, speaking tips

Reading

Goal 1: Word Recognition and Comprehension

- 1.1 Syllable division, accented syllables, primary and secondary accents, base words, prefixes, suffixes, schwa syllables,
- 1.2 Emphasis on critical and appreciative levels, biblical truth, brainstorming ideas, compare and contrast, making judgments, cause and effect
- 1.3 Predict evaluate outcomes, draw conclusions, classify, sequence events, allegorical comparisons
- 1.4 Fact and opinion, dialect, main idea, relevant and irrelevant information pronoun references, quotation marks, sense of history

Goal 2: Vocabulary

- 2.1 Meaning from context, prefixes, suffixes, Greek and Latin roots,
- 2.2 Synonyms, antonyms, analogies, adverbs, acronyms, contractions

Goal 3: Literature

- 3.1 Setting, plot, mood, theme, symbols
- 3.2 Figurative language, alliteration, assonance, onomatopoeia, rhyme pattern, enjambment, hyperbole, idiom, metaphor, simile
- 3.3 Understatement, conflict, crisis, humor, allegorical setting, propaganda, moral
- 3.4 Main character, character motives, character growth and change, point of view, plot, resolution, author biographies, suspense, allusion

Goal 4: Study Skills

- 4.1 Bible study, card catalog, Dewey decimal system, atlas, encyclopedia, dictionary, glossary, cross-reference, charts, graphs, diagrams, maps, tables, index, captions, headlines
- 4.2 Outlining, note taking, paraphrasing, summarizing, skimming, scanning, key word, topic sentence, listening strategy, subheadings, relevant and irrelevant information, time line

Goal 5: Silent and Oral Reading

- 5.1 Silent reading purposes for information, for entertainment, for understanding, for spiritual growth, author's message, biblical truth
- 5.2 Oral reading: communicate author's message, communicate mood, motive, meaning, convey emotion, portray character, voice expression, volume, rate

Goal 6: Composition

- 6.1 Biography, fable, folktale, legend, modern realistic fiction,
- 6.2 Book review, plot, caption, dialogue

Spelling

Goal 1: Spelling Patterns

- 1.1 Spelling lists, based on spelling generalization, morphophonemic pairs, suffixes and prefixes
- 1.2 Spelling, application, dictation, sentences on tests

Goal 2: Comprehension and Dictionary Skills

- 2.1 Comprehension activities, use of spelling words in context
- 2.2 Journal writing
- 2.3 Dictionary skills: alphabetizing words to the third letter, recognizing guide words, entry words, sample sentences, word forms, dividing words into syllables, pronunciation key, respellings in the entry, parts of speech, homographs

PE: K5-8th Grade

Goal 1: Motor skills and movement patterns

- 1.1 Development of physical skills
- 1.2 Throwing, running, skipping, striking skills, etc.
- 1.3 Movement patterns

Goal 2: Applied knowledge

- 2.1 Understanding and decision making for movement concepts
- 2.2 Demonstrating learned skills in a social setting
- 2.3 Following rules

Goal 3: Effective self-management

- 3.1 Utilize goal setting
- 3.2 Establish patterns of regular participation in meaningful physical activity

Goal 4: Responsibility for fitness

- 4.1 Self-initiated behaviors that promote individual and group success
- 4.2 Activity from the knowledge, skill and concepts of physical education

Goal 5: Respect for similarities and differences

- 5.1 Self-initiated behaviors that promote individual and group success
- 5.2 Safe practices, adherence to rules and procedures, cooperation and teamwork

Goal 6: Self-confidence and positive self-image

- 6.1 Awareness of the intrinsic values
- 6.2 Benefits of participation in physical activity

Art: K5-5th Grade

Objectives:

- Critical and creative thinking skills
- Understand and apply media, techniques, and processes
- Organizational principles of design and art elements
- Communicate ideas and feelings through art
- Visual arts related to history and cultures
- Critiques of individual and peer products
- Awareness of art

Music: K5-6th Grade

Objectives:

- Sing with others
- Praise and worship
- Play instruments
- Melodies, variations and accompaniments
- Listen and describe various types of music

**Middle School Objectives
6th-8th Grades**

Bible

6th-8th Grades

Due to the ever changing spiritual needs of our students, our Bible curriculum changes to meet their needs. The following topics are rotated in a three year cycle, with flexibility to add additional components when necessary.

Topics:

- Attributes of God
- Bible Study Skills
- World Religions
- Book of Revelation
- Creation vs. Evolution
- Morals and Attributes of Christians
- Importance of Prayer
- Praise Habits
- New Testament Letters
- Experiencing God
- Christian Novels
- Required Ministry/Missions Opportunities

Science

6th Grade: Earth, Life, and Physical Science

Earth Science

Goal 1: Earth

- 1.1 Earthquakes: faults, causes, recording and interpreting data from earthquakes
- 1.2 Volcanoes: cause, locations of volcanoes, classifying volcanoes by shape and eruption, effects and product of volcanoes
- 1.3 Weathering: types and examples of mechanical and chemical weathering
- 1.4 Soil: particles and texture of soil, how soil is formed, horizons
- 1.5 Erosion: agents of erosion, mass movements, stream erosion, wave and wind erosion, ice erosion
- 1.6 Natural resources: renewable and nonrenewable resources energy resources (fossil fuels, nuclear, hydroelectric, geothermal, wind, and solar energy), minerals, metals, soil conservation, water, reduce, reuse, recycle

Goal 2: Space

- 2.1 Stars: magnitude, colors, sizes, distances between, kinds of stars, constellations, telescopes, spectroscopes, star groups, asteroids, meteoroids, comets
- 2.2 Solar system: parts of the Sun, solar storms, seasons, inner planets, outer planets, eclipses, space exploration, satellites, probes

Life Science

Goal 1: Living Things

- 1.1 Cells and classification: characteristics of living things, cell theory, microscopes, parts of a cell, tissues, organs, systems, cell reproduction, six kingdoms of classification, scientific names
- 1.2 Animal classification: invertebrates (Porifera, Cnidaria, echinoderms, mollusks, worms, arthropods) and vertebrates (fish, amphibians, reptiles, birds, mammals)
- 1.3 Plant classification: nonvascular plants (mosses and liverworts), seedless vascular (ferns, horsetails, and club mosses) gymnosperms, angiosperms, parts of a plant
- 1.4 Reproduction (plant and animal) parts of a flower, pollination and fertilization, types of fruit, seeds, spore reproduction, asexual reproduction, gestation, placental and marsupial mammals, eggs, parental care
- 1.5 Genetics: heredity, traits, DNA structure, Mendel's experiments, dominant and recessive genes, Punnett squares, genetic disorders and diseases, genetic engineering

Goal 2: Human Body

- 2.1 Nervous system: central nervous system, the brain, the peripheral nervous system, neurons, reflexes, the five senses, memory, sleep disorders, drugs, endocrine system

2.2 Immune system: communicable and non-communicable diseases, pathogens, vectors, epidemics, epidemiology, nonspecific response, the immune response, functions of white blood cells, immunity, antibiotics, antibodies, autoimmune diseases, allergies, transfusions and transplants, immune deficiencies

Physical Science

Goal 1: Motion

1.1 Motion and machines: velocity, acceleration, momentum, Newton's laws of motion, work

1.2 Three classes of levers, pulleys, wheel and axle, inclined plane, wedges, screws
compound machines

Goal 2: Energy

2.1 Electricity: static and current electricity, types of circuits, measuring electricity

2.2 Batteries, magnetism, electronics, integrated circuits, computers

Goal 3: Matter

3.1 Chemistry: parts of an atom, atomic theory, classifying elements

3.2 Periodic table of the elements, compound, chemical formulas, chemical reactions, atomic bonding, acids and bases

7th Grade: Life Science

Goal 1: Foundations of Life Science

- 1.1 Definition of science, limitations of science, the scientific method
- 1.2 Classification of organisms, characteristics of life
- 1.3 Cell theory, structure and function of cells, cellular respiration, photosynthesis

Goal 2: Genetics

- 2.1 Genes and cell division, asexual and sexual reproduction, DNA replication, RNE transcription
- 2.2 Mendelian genetics, genetic crosses, variations on simple genetics, gene mutations, chromosomal changes, applied genetics

Goal 3: Origins

- 3.1 Creationism, evolutionism, literal view, alternate views of creation
- 3.2 The flood, fossils, dinosaurs, various theories of evolution, mutations and evolution

Goal 4: Microbiology

- 4.1 Bacteria, bacterial reproduction
- 4.2 Viruses, viral diseases, protozoa, algae, fungi

Goal 5: Botany

- 5.1 Plant structure, plant classification and life cycle variations
- 5.2 Water and gas exchange, growth hormones, responses to the environment
- 5.3 Flower structure and reproduction, seed dispersal, asexual propagation

Goal 6: Zoology

- 6.1 Sponges, jellyfish, coral
- 6.2 Flatworms, round worms, earthworms
- 6.3 Mollusks, arthropods, echinoderms
- 6.4 Basic vertebrate structure and systems: fish and amphibians
- 6.5 Metamorphosis reptiles, endotherms, ectotherms, bird
- 6.6 Mammal classification, animal instincts and behavior, external and internal fertilization, egg structure and development, placental reproduction

Goal 7: Ecology

- 7.1 Ecosystems, abiotic factors, water cycle, succession, populations
- 7.2 Carbon and oxygen cycles, natural rhythms, food chains, food webs, ecological pyramids, organism relationships competition, camouflage
- 7.3 Natural resources, agriculture, game managements, endangered species, extinction, human population changes, conservation pollution

Goal 8: Human Anatomy and Physiology

- 8.1 Skin, burns, skeletal system, fractures
- 8.2 Homeostasis, blood vessels, heart, circulation, blood components, blood clotting

8.3 Immune system, allergies, organ transplant

8.4 Excretory system, respiratory system, metabolism, smoking, breathing, digestive system, teeth, chemical digestion, nervous system, reflexes, brain anatomy, psychoactive drugs, sense organs, endocrine system, hormones, puberty

8th Grade: Space and Earth Science

Goal 1: Framework of Earth Science

- 1.1 Philosophy of science, contrasting Biblical and naturalistic frameworks for science
- 1.2 Limitations of science, authority of the Bible and worldview development, a young-earth Creationary worldview
- 1.3 Scientific theories defined world wide
- 1.4 Evidences for various motions of the earth

Goal 2: Celestial Sphere

- 2.1 Stars, constellations, galaxies, black holes, quasars
- 2.2 Telescopes and other astronomical instruments
- 2.3 Features of the sun, the sun's structure, solar energy
- 2.4 Planetary properties, comparing the planets, descriptions of the planets
- 2.5 Origin theories of the solar system, ultimate fates
- 2.6 The moon's motion, solar and lunar eclipse, and theories fore the moon's origin
- 2.7 History of space exploration, space programs, space stations, manned space stations, future of space missions

Goal 3: Atmosphere

- 3.1 Structure, energy in the atmosphere, measurable conditions
- 3.2 Water entering the atmosphere, humidity and clouds, precipitation, dew, frost, air mass formation, movement and weather, origins of global and local winds
- 3.3 Thunderstorms, tornadoes, hurricanes
- 3.4 Simple and complex weather instruments, weather data reporting systems, weather data analysis and prediction

Goal 4: Lithosphere

- 4.1 The earth's interior structure, history form creationary and evolutionary perspectives
- 4.2 Minerals and ores, basic chemical descriptions, occurrences of native minerals
- 4.3 Sedimentary igneous, metamorphic rocks, fossils and sedimentary rocks, Creationary and uniformitarian rock cycles, geologic column, fossil fuels
- 4.4 Describing mountains and formations
- 4.5 Earthquakes where and how they occur, how they are measured and located
- 4.6 Kinds of volcanoes, emissions, structures, and locations
- 4.7 Hydrothermal fluids, types of hydrothermal minerals, harnessing geothermal energy
- 4.8 Weathering soils, mass wasting, steam erosion

Goal 5: Hydrosphere

5.1 Composition of seawater, tides, waves, currents

5.2 Beach erosion

5.3 Seafloor topography; ocean exploration

5.4 Formation and movement of glaciers, types of glaciers, glacial erosion and deposition

5.5 Ice age

5.6 The ground water system, water cycle, the storage and movement of ground water, erosion by ground water

5.7 Topography of caves

Social Studies

6th Grade: Heritage Studies

Topic: Time Frame, 3000 BC to AD 1500

Goal 1: Geography

- 1.1 Map skills
- 1.2 Climate and natural resources
- 1.3 Topography
- 1.4 Comparison of characteristics of ancient civilizations with the modern regions

Goal 2: World History

- 2.1 Wars
- 2.2 Historical events
- 2.3 Archeological findings
- 2.4 Government
- 2.5 Empires
- 2.6 Rulers

Goal 3: Economics and Culture

- 3.1 Trade
- 3.2 Ancient customs and tradition
- 3.3 Languages
- 3.4 Music
- 3.5 Food and clothing
- 3.6 Religions

7th Grade, World Studies

Topic: Historical world cultures AD 1100 to the present

Goal 1: Geography

- 1.1 Influence of geography
- 1.2 Culture shown by word geographical review

Goal 2: History and Government

- 2.1 Thematic approach to world history
- 2.2 Cultural approach to world history
- 2.3 Comparative world governments in history

Goal 4: Economics, Religion, and Culture

- 4.1 Comparative economics, both historically and geographically
- 4.2 Historical comparison of world religions to Christianity
- 4.3 Arts, sciences; way of life in the past

8th Grade, North Carolina History

Goal 1: Geography

- 1.1 Impact of geography on the settlement and developing economy of Carolina colony
- 1.2 American Indians who inhabited the regions that became Carolina
- 1.3 Economic, geographic, religious and political motives for European exploration
- 1.4 Columbian exchange on the cultures of American Indians, Europeans, Africans
- 1.5 Factors that led to the founding and settlement of American colonies
- 1.6 Geographic and political reasons for creation of colony, and effects on the government and economics of the colony
- 1.7 Roles and contributions of diverse groups compared to other colonies

Goal 2: Revolutionary War

- 2.1 Events leading to Revolutionary War
- 2.2 Contribution of key NC and national personalities from war, influences on outcome
- 2.3 NC role in Revolutionary War
- 2.4 Reasons for the colonists' victory over the British, military successes and failures, role of foreign intervention, political and economic domestic issues
- 2.5 Documents, Mecklenburg Resolves, the Halifax Resolves, the Albany Plan of Union, Declaration of Independence, State Constitution of 1776, Articles of Confederation, the US Constitution, the Bill of Rights

Goal 3: Reform and Expansion

- 3.1 Causes of the War of 1812, impact of war
- 3.2 Conditions that led to NC decline during this period, implications for future development of the state
- 3.3 Identify and evaluate the impact of individual reformers and groups, assess the effectiveness of programs
- 3.4 Development and impact of the institution of slavery in NC and nation
- 3.5 Perspectives among NC on Removal and Resettlement of American Indian population
- 3.6 Implications of NC Gold Rush
- 3.7 Reasons of creation of a new State Constitution in 1835 and its impact
- 3.8 Impact of national events, Louisiana purchase, the Lewis and Clark Expedition, Mexican-American War with Mexico, California Gold Rush, technological advances on NC

Goal 4: Civil War and Reconstruction

- 4.1 Causes of secession from Union
- 4.2 Political and military developments of Civil War, effects on outcome of war
- 4.3 NC role in Civil War, impact of war
- 4.4 Roles played by individuals at the state and national levels during the Civil War and Reconstruction period
- 4.5 Political, economic, and social impact of reconstruction of the state, and identify the reasons why Reconstruction came to an end

Goal 5: Political, economic, social, and technological changes on life in NC from 1870-1930

- 5.1 Role of industries in NC, importance to economic development of state
- 5.2 Changing roles and impact of institutions in state
- 5.3 Impact of migration on NC
- 5.4 Technological advances and influence on the quality of life
- 5.5 Influence of political systems
- 5.6 NC reaction to US involvement in world affairs, WWI and the impact on the state's economy

Goal 6: Effects of Great Depression and WWII on NC

- 6.1 Causes and effects of Great Depression, impact of New Deal policies on Depression Era life in NC
- 6.2 Significance of major events and military engagements associated with WWII, impact of war on NC
- 6.3 Significance of key ideas and individuals associated with WWII
- 6.4 Impact of WWII on different groups in NC

Goal 7: Changes in NC during postwar 1970s

- 7.1 Extent and significance of economic changes in NC
- 7.2 Social changes among different groups
- 7.3 Influence of technological advances on economic development and daily life
- 7.4 Political viewpoints surrounding issues of the post WWII era
- 7.5 Major changes and events that have affected the roles of local, state, national government

Goal 8: Demographic, economic, technological, social, and political developments in NC since the 1970s

- 8.1 Changing demographics and their significance for NC society and economy
- 8.2 List economic and technological advances occurring in NC since 1970
- 8.3 Issues that impact NC political climate
- 8.4 Regional diversity

Goal 9: Active citizenship at local and state levels

- 9.1 Contemporary political, economic, social issues at the state and local levels, impact on community
- 9.2 Past and present leaders from diverse cultural backgrounds and assess their influence in affecting change
- 9.3 Describe opportunities for benefits of civic participation

English

6th Grade: Writing, Grammar, Literature and Comprehension

Goal 1: Parts of speech

- 1.1 Nouns: common, proper, singular, plural, abbreviation, appositive, singular and plural possessive, usage as subjects and objects
- 1.2 Verb: principal parts, past, present, future tenses, perfect tenses
- 1.3 Pronoun: subject, object, possessive, reflexive, intensive, interrogative, demonstrative, indefinite, with antecedent
- 1.4 Adjective: articles, proper, demonstrative, as in the predicate
- 1.5 Adverb: comparative, superlative
- 1.6 Preposition: coordinating, subordinating, interjection

Goal 2: Sentence structure

- 2.1 Sentence: fragment; run-on, simple, compound, complex, declarative, interrogative, imperative, exclamatory
- 2.2 Complete subject and predicate, simple subject and predicate, compound subjects and predicates
- 2.3 Dependent and independent clauses, introductory prepositional phrases, sentence patterns, diagramming

Goal 3: Mechanics

- 3.1 Capitalization of proper nouns and proper adjectives, abbreviations, initials, titles
- 3.2 Punctuation marks, titles of books, poems, stories, periodicals

Goal 4: Usage

- 4.1 Homophones, pronoun references, subject/verb agreements, run-ons, fragments, proper nouns, contractions
- 4.2 Confusing words, double negatives, misplaced modifiers, prefixes and suffixes

Goal 5: Writing Skills and Projects

- 5.1 Using a thesaurus, revising fragments and run on sentences, planning with comparative literature tool
- 5.2 Writing process
- 5.3 Research and documentation

Goal 6: Vocabulary, Wordly Wise

- 6.1 Word meaning
- 6.2 Word study
- 6.3 Word application

Goal 7: Literature and Comprehension

- 7.1 Setting; plot; conflict; mood; theme; crisis; flashback; foreshadowing; cliffhanger; open and closed endings; point of view; irony; sarcasm; hyperbole; understatement; allusions
- 7.2 Alliteration, anaphora, rhyme; rhythm
- 7.3 Personification; exaggeration suspense; symbolism; tone; good and evil; moral; idiom; dialect
- 7.4 Comparing and contrast characters; main characters; character motives; character traits; dynamic and static characters; character growth and change
- 7.5 Author biographies; Caldecott and Newbery awards; propaganda
- 7.6 Emphasis on critical and appreciative levels; biblical truth
- 7.7 Brainstorming ideas; classify; fact and opinion; predict and evaluate outcomes; problems and solutions; making judgments; cause and effect
- 7.8 Critical thinking; interpret information; main idea; sequence events; discernment; sense of history

7th Grade: Writing, Grammar, Literature and Comprehension

Goal 1: Parts of Speech

- 1.1 Noun and pronoun
- 1.2 Verbs: simple and perfect tenses
- 1.3 Adjective and Adverb
- 1.4 Prepositions, conjunction, interjection

Goal 2: Sentence Structure

- 2.1 Sentence patterns
- 2.2 Dependent clauses
- 2.3 Sentence types
- 2.4 Clause structure and fragments

Goal 3: Mechanics and Usage

- 3.1 Capitalization, punctuation, spelling
- 3.2 Subject and verb agreement
- 3.3 Pronoun and antecedent agreement
- 3.4 Homophones and homonyms

Goal 4: Writing Skills

- 4.1 Writing process
- 4.2 Paragraph organization
- 4.3 Style and precise words

Goal 5: Writing Projects

- 5.1 Description: biographical sketch
- 5.2 Exposition: in-class essay, science report evaluation
- 5.3 Narration: family tradition report, drama scene
- 5.4 Persuasion: letter to editor
- 5.5 Poetry: sound poem

Goal 6: Vocabulary, Wordly Wise

- 6.1 Word meaning
- 6.2 Word study
- 6.3 Word application

Goal 7: Literature and Comprehension

- 7.1 Themes: courage; nature and man; generosity; our land; humility; family
- 7.2 Reading with discernment
- 7.3 Literary terms and concepts; literary analysis
- 7.4 Thinking skills: literal, interpretive, critical, evaluating

8th Grade: Writing, Grammar, Literature, and Comprehension

Goal 1: Parts of Speech and Verbals

- 1.1 Noun and pronoun; relative pronouns
- 1.2 Verbs: simple and perfect tenses; progressive tense; passive voice
- 1.3 Adjective and Adverb
- 1.4 Prepositions, conjunction, interjection
- 1.5 Correlative verbals: participle, infinitive, gerund, verbal phrases with modifiers, functions as different parts of speech

Goal 2: Sentence Structure

- 2.1 Sentence patterns
- 2.2 Dependent clauses; adjective clauses
- 2.3 Sentence types
- 2.4 Clause structure and fragments

Goal 3: Mechanics and Usage

- 3.1 Capitalization, punctuation, spelling
- 3.2 Subject and verb agreement
- 3.3 Pronoun and antecedent agreement
- 3.4 Homophones and homonyms

Goal 4: Writing Skills

- 4.1 Writing process
- 4.2 Paragraph organization
- 4.3 Style and precise words
- 4.4 Essay: thesis statement, outlining, introductory and concluding paragraphs

Goal 5: Writing Projects

- 5.1 Description: travel brochure, character profile
- 5.2 Exposition: news story, business letter
- 5.3 Narration: autobiography, fable
- 5.4 Persuasion: debate script, print advertisement

Goal 6: Vocabulary, Wordly Wise

- 6.1 Word meaning
- 6.2 Word study
- 6.3 Word application

Goal 7: Literature and Comprehension

- 7.1 Themes and content: classic and contemporary; fiction and nonfiction; poetry; drama; friends; choices; heroes; discoveries; adventures; viewpoints
- 7.2 Six basic elements of literature
- 7.3 Reading with discernment
- 7.4 Literary terms and concepts; literary analysis
- 7.5 Thinking skills: literal, interpretive, critical, evaluating

Math

6th Grade

Goal 1: Rational Numbers

- 1.1 Negative rational numbers: variety of representations; compare and order, estimates
- 1.2 Percents: model and number words, various representations of percentages; estimations
- 1.3 Compare and order rational numbers
- 1.4 Fluency in addition, subtraction, multiplication, division of non-negative rational numbers
- 1.5 Factors, multiples, exponential notation, prime factorization
- 1.6 Exponential, scientific and calculator notation of small and large numbers
- 1.7 Problem solving

Goal 2: Geometry and measurement of two and three dimensional figures

- 2.1 Length, perimeter, area, angles, weight, mass of two and three dimensional figures
- 2.2 Solve problems involving perimeter, circumference and area of plane figures

Goal 3: Geometric Figures and coordinate plane

- 3.1 Intersection of figures in a plane
- 3.2 Relationships among radius, diameter, chord, center, circumference of a circle
- 3.3 Transformation of figures in coordinate plane
- 3.4 Problem solving with geometric figures

Goal 4: Probabilities

- 4.1 Fluency and counting strategies: lists, tree diagrams, frequency distribution tables, permutations, combinations
- 4.2 Probability of an event
- 4.3 Simple and compound events
- 4.4 Probability for independent and dependent events
- 4.5 Conduct probability experiments

Goal 5: Simple algebraic expressions

- 5.1 Solve basic properties of rational numbers: identity, commutative, associative, distributive, order of operations
- 5.2 Use and evaluate algebraic expressions
- 5.3 Solve simple one and two step equations or inequalities.
- 5.4 Use graphs, tables, symbols to model and solve problems involving rates of change and ratios

7th Grade

Goal 1: Rational Numbers

- 1.1 Ratios, proportions, percents
- 1.2 Fluency in addition, subtraction, multiplication, division of rational numbers
- 1.3 Computational strategies, effect of operations, estimate computations, reasonableness of solutions
- 1.4 Problem solving with mental computation, estimation, calculators or computers, and paper and pencil

Goal 2: Geometry: Measurement of two and three dimensional figures

- 2.1 Draw objects to scale and solve problems
- 2.2 Volume and surface area of cylinders, prisms, and composite shapes

Goal 3: Geometry

- 3.1 Three dimensional figures: identify and describe from various views, build from various views, describe cross-sectional views
- 3.2 Identify, define, describe similar and congruent polygons with respect to angle measures, length of sides, proportionality of sides
- 3.3 Scaling and proportional reasoning to solve problems related to similar and congruent polygons

Goal 4: Graphs and data

- 4.1 Collect, organize, analyze, display data to solve problems
- 4.2 Mean, median, mode, range, frequency distribution, inter-quartile range for data set, effects on graph
- 4.3 Outliers and effects on data set and graph
- 4.4 Problem solving with two or more sets of data using statistical measures

Goal 5: Simple algebraic expressions

- 5.1 Solve basic properties of rational numbers: identity, commutative, associative, distributive, order of operations
- 5.2 Use and evaluate algebraic expressions
- 5.3 Solve simple one and two step equations or inequalities.
- 5.4 Use graphs, tables, and symbols to model and solve problems involving rates of change and ratios

Goal 6: Linear relations and fundamental algebraic concepts

- 6.1 Linear relations, sequences, functions using symbols, graphs, tables, diagrams, and written descriptions
- 6.2 Different representations of algebraic expressions, linear equations and inequalities
- 6.3 Use and evaluate algebraic expressions, linear equations and inequalities to solve problems
- 6.4 Fluency in the use of formulas to solve problems

8th Grade, Pre-Algebra

Goal 1: Real numbers

- 1.1 Number sense of real numbers
- 1.2 Irrational numbers
- 1.3 Compare and order real numbers
- 1.4 Estimates of irrational numbers
- 1.5 Real numbers and problem solving strategies

Goal 2: Measurement concepts

- 2.1 Perimeter, area, volume with one or more dimensions
- 2.2 Apply and use concepts of indirect measurement

Goal 3: Properties and relationship in geometry

- 3.1 Problem situations with geometric models
- 3.2 Geometric properties and relationships, Pythagorean theorem
- 3.3 Dilations in the coordinate plane

Goal 4: Graphs and data analysis

- 4.1 Collect, organize, analyze, display data
- 4.2 Understand and predict outcomes from various types of graphs
- 4.3 Misuses of statistical and numerical data

Goal 5: Linear relations and functions

- 5.1 Verbal, tabular, graphic, algebraic representations of functions
- 5.2 Linear or nonlinear
- 5.3 Find, identify, interpret the slope, rate of change, intercepts of a linear relation
- 5.4 Interpret, compare properties of linear functions from tables, graphs, equations
- 5.5 Equations of a linear relationship given: two points, slope and one point, slope and y-intercept
- 5.6 Inverse relationships of addition and subtraction, multiplication and division, squares and square roots, cubes and cube roots

Goal 6: Algebraic expressions

- 5.1 Solve basic properties of rational numbers: identity, commutative, associative, distributive, order of operations
- 5.2 Use and evaluate algebraic expressions
- 5.3 Solve simple one and two step equations or inequalities.
- 5.4 Use graphs, tables, and symbols to model and solve problems involving rates of change and ratios

PE: K5-8th Grade

Goal 1: Motor skills and movement patterns

- 1.1 Development of physical skills
- 1.2 Throwing, running, skipping, striking skills, etc.
- 1.3 Movement patterns

Goal 2: Applied knowledge

- 2.1 Understanding and decision making for movement concepts
- 2.2 Demonstrating learned skills in a social setting
- 2.3 Following rules

Goal 3: Effective self-management

- 3.1 Utilize goal setting
- 3.2 Establish patterns of regular participation in meaningful physical activity

Goal 4: Responsibility for fitness

- 4.1 Self-initiated behaviors that promote individual and group success
- 4.2 Activity from the knowledge, skill and concepts of physical education

Goal 5: Respect for similarities and differences

- 5.1 Self-initiated behaviors that promote individual and group success
- 5.2 Safe practices, adherence to rules and procedures, cooperation and teamwork

Goal 6: Self-confidence and positive self-image

- 6.1 Awareness of the intrinsic values
- 6.2 Benefits of participation in physical activity

Art: 6th-8th Grade

Goal 1: Critical and creative thinking skills

- 1.1 Organizing and creating art
- 1.2 Strategies for imagining and implementing images
- 1.3 Ideas of reality and fantasy
- 1.4 Use multiple senses

Goal 2: Understand and apply media, techniques, and processes

- 2.1 Various media techniques from visual examples
- 2.2 Proper vocabulary and terminology, applications in an expressive manner
- 2.3 Safety procedures

Goal 3: Organizational principles of design and art elements

- 3.1 Environment
- 3.2 Aesthetic composition
- 3.3 Diverse solutions, intuitive perceptions, experimentation
- 3.4 Elements and principles of design in problem solving

Goal 4: Communicate ideas and feelings through art

- 4.1 Persuade and communicate ideas
- 4.2 Life surroundings and personal experiences to express ideas
- 4.3 Personal imagery and style

Goal 5: Visual arts related to history and cultures

- 5.1 History, purpose, functions of visual arts in various cultures
- 5.2 Characteristics of works of art from particular cultures
- 5.3 Existence of art movements, periods, styles
- 5.4 Universal themes in art throughout history and aesthetic diversity of various cultures

Goal 6: Critiques of individual and peer products

- 6.1 Explain how a work of art can meet its intended purpose
- 6.2 Identify the influences that had the greatest impact on a given work of art
- 6.3 Explain how ideas are unique expressions of themselves
- 6.4 Constructive growth is learned from unsuccessful efforts
- 6.5 Critique artwork evaluating purpose, tone, style

Goal 7: Awareness of art

- 7.1 Visual arts as an avocation
- 7.2 Broad visual arts as a profession

Computer Skills, 6th-8th Grade

Objectives:

- Societal and ethical issues
- Database
- Spreadsheet
- Keyboard utilization and word processing
- Multimedia presentation
- Telecommunications and internet
- Responsible and safe use of online resources
- Using copyright and fair use guidelines
- Using spreadsheets and databases relevant to classroom assignments
- Choosing charts and tables or graphs to best represent data
- Conducting online research and evaluating the information found
- Using word processing and desktop publishing for classroom assignments and projects
- Selecting and using a variety of technological tools to develop in content areas

**High School Objectives
9th – 12th Grade**

English

English I

Goal 1: Grammar

- 1.1 Parts of speech: mastery of previous goals
- 1.2 Collective nouns
- 1.3 Verbs: indicative and imperative moods
- 1.4 Adjective: determiner
- 1.5 Adverb: qualifier and relative
- 1.6 Preposition: phrasal
- 1.7 Conjunction: subordinating
- 1.8 Verbals: verbal phrases with objects

Goal 2: Writing

- 2.1 Sentence structure: mastery of previous goals
- 2.2 Sentence structure: dependent clause, adverb clause, compound-complex clause structure
- 2.3 Mechanics: capitalization; punctuation; spelling
- 2.4 Usage: mastery of previous goals
- 2.5 Usage: modifier placement, two-way modifier, dangling modifier
- 2.6 Writing skills: compare and contrast paragraph development; style-conciseness, smoothness, fresh words; sentence variety- length and complexity, sentence patterns, sentence beginnings; sentence expansion and reduction by dependent clauses, phrases, single words; sentence logic with misplaced and dangling modifiers; parallelism; avoiding biased language
- 2.7 Types of writing: comparison and contrast description paper; exposition – five-paragraph, research essay, storyboard; personal experience narration; devotional persuasion; quatrain and diamante poetry

Goal 3: Literature

- 3.1 Literature organization: conflict, theme, character, structure, point of view, moral tone
- 3.2 Literary selections and genres: classic to contemporary, fictions, nonfiction, poetry, drama
- 3.3 Basic elements of literature

Goal 4: Vocabulary, Wordly Wise

- 4.1 Word meaning
- 4.2 Word study
- 4.3 Word application

English II

Goal 1: Grammar

- 1.1 Parts of speech: mastery of previous skills
- 1.2 Verb: subjunctive mood
- 1.3 Pronoun: indefinite, relative, reciprocal
- 1.4 Adverb: conjunctive
- 1.5 Verbals: perfect gerund, passive infinitive
- 1.6 Sentence patterns: dependent clause, noun clause

Goal 2: Writing

- 2.1 Mechanics: capitalization, punctuation, appendix of spelling rules
- 2.2 Usage: mastery of previous skills
- 2.3 Usage: modifier placement and split infinitive

Goal 3: Literature

- 3.1 Literature content: marks of literature, imaginative comparison, sound and syntax, thought and theme
- 3.2 Modes of literature: allusion, symbol, irony
- 3.3 Forms of literature: biography, fiction, lyric poetry, dramas, personal essay
- 3.4 Six elements of literature; literary details that define and distinguish interpretive literature; moral discernment in literature

Goal 4: Vocabulary, Wordly Wise

- 4.1 Word meaning
- 4.2 Word study
- 4.3 Word application

English III

Goal 1: Grammar

- 1.1 Parts of speech: mastery of previous skills
- 1.2 Verb and adverb combinations
- 1.3 Adverb: indefinite relative, interrogative
- 1.4 Conjunction: phrasal subordinating
- 1.5 Verbals: perfect participle, passive gerund, perfect infinitive, progressive infinitive, elliptical infinitive

Goal 2: Writing

- 2.1 Capitalization, punctuation, spelling
- 2.2 Usage: mastery of previous skills
- 2.3 Usage: pronoun shift, verb tense consistency, sequence
- 2.4 Paragraph organization: cause and effect order, comparison and contrast order
- 2.5 Parallelism: clarity
- 2.6 Sentence logic: direct expression, logical predication, avoiding mixed constructions, noun clauses, strong ending, new information
- 2.7 Description interview; exposition: formal research paper, analytical essay, critical response to literature; narration: narrative poem, folktale; persuasion: letter to editor; poetry of hymns

Goal 3: Literature

- 3.1 Literary content: early American literature, religious experience and revolution; American romanticism; transcendental optimists and pessimists; American realism and naturalism; Modern American genres
- 3.2 Analyze individual authors
- 3.3 Broaden literary world view, application of biblical criteria when evaluating beliefs of various authors; literary and moral discernment

Goal 4: Vocabulary, Wordly Wise

- 4.1 Word meaning
- 4.2 Word study
- 4.3 Word application

English IV

Goal 1: Grammar

- 1.1 Parts of speech: mastery of previous skills
- 1.2 Verbals: passive participle

Goal 2: Writing

- 2.1 Sentence structure: absolute phrase
- 2.2 Mechanics: capitalization; punctuation, spelling
- 2.3 Usage: mastery of previous skills; idiomatic use of prepositions

Goal 3: Literature

- 3.1 Literary content: Middle Ages, Renaissance, Age of Revolution, Age of Reform
- 3.2 Analyze individual authors and their works in a historical and cultural context
- 3.3 Broaden the student world view enabling them to understand the ideas and writings of various authors by applying biblical criteria
- 3.4 Opportunities to develop literary and Biblical discernment

Goal 4: Vocabulary, Wordly Wise

- 4.1 Word meaning
- 4.2 Word study
- 4.3 Word application

Foreign Language

Spanish I

Goal 1: Pronunciation and Grammar

- 1.1 Word formation
- 1.2 Grammar
- 1.3 Conversations
- 1.4 Verb conjugations
- 1.5 Subject pronouns
- 1.6 Introductory sentence structure

Goal 2: Vocabulary

- 2.1 School, clothes, family, home, food, creation, vacation
- 2.2 Subject pronouns

Goal 3: Application

- 3.1 Conversation, reading, interview, report, letter, oral translation, composition
- 3.2 Geography, history, food, family, and cultural experiences

Spanish II

Goal 1: Pronunciation and Grammar

- 1.1 Word formation
- 1.2 Grammar
- 1.3 Conversations
- 1.4 Verb conjugations
- 1.5 Subject pronouns
- 1.6 Expansive sentence writing

Goal 2: Vocabulary

- 2.1 School, clothes, family, home, food, creation, vacation
- 2.2 Subject pronouns

Goal 3: Application

- 3.1 Conversation, reading, interview, report, letter, oral translation, composition
- 3.2 Geography, history, food, family, cultural experiences
- 3.3 Passage translations

Mathematics

Consumer/Business Math

Goal 1: Stewardship

- 1.1 Keeping money records
- 1.2 Cash records
- 1.3 Assets and liabilities
- 1.4 Capital
- 1.5 Balance sheet
- 1.6 Income, cost of goods sold, operating expenses
- 1.7 Profit, loss
- 1.8 Income statement
- 1.9 Debits, credits; general journal, ledger

Goal 2: Business Management

- 2.1 Ratio analysis, percent analysis, proportions
- 2.2 Average collection turnover
- 2.3 Break-even point, formulas
- 2.4 Trade discount, trade credit
- 2.5 Storage, inventory
- 2.6 English, metric conversions

Goal 3: Investment

- 3.1 Stock exchange tables
- 3.2 Stock market
- 3.3 Buying, selling stock
- 3.4 Certificate of deposit
- 3.5 Savings account
- 3.6 Finding the principal in savings account
- 3.7 Real estate, corporate bonds, mutual funds
- 3.8 Compound interest
- 3.9 Real return on an investment

Goal 4: Income and Taxes

- 4.1 Earning a living
- 4.2 Deductions from gross pay
- 4.3 Social security tax
- 4.4 Income tax return
- 4.5 State income
- 4.6 Sales tax
- 4.7 Property tax
- 4.8 Corporate income tax

Goal 5: Banking

5.1 Checking records

5.2 Checks, ledger

5.3 Proving the checkbook balance

5.4 Electronic banking

5.5 Loans to small business

Algebra I

Goal 1: Mastery of Skills

- 1.1 Problem solving with real numbers
- 1.2 Find, identify, and interpret the slope and intercepts of a linear relation
- 1.3 Problem solving through various techniques
- 1.4 Application of Pythagorean Theorem

Goal 2: Number and Operations

- 2.1 Equivalent forms of algebraic expressions to solve problems
- 2.2 Laws of exponents
- 2.3 Operations with polynomials
- 2.4 Factor polynomials
- 2.5 Direct variation

Goal 3: Geometry and Measurement

- 3.1 Lengths and midpoints of segments
- 3.2 Relationships of parallel and perpendicular lines in solving problems

Goal 4: Data Analysis and Probability

- 4.1 Matrices to display and interpret data
- 4.2 Operations with matrices
- 4.3 Linear models for set of data to solve problems
- 4.4 Constants and coefficients in the context of the data
- 4.5 Linear regression

Goal 5: Algebra

- 5.1 Linear functions and inequalities
- 5.2 Tables, graphs, algebraic properties
- 5.3 Constants and coefficients
- 5.4 Graph, factor, evaluate quadratic functions
- 5.5 Linear equations or inequalities with two variables
- 5.6 Graph, evaluate exponential functions

Algebra II

Goal 1: Mastery of Algebra I Skills

- 1.1 Matrices to solve problems
- 1.2 Linear models to solve problems
- 1.3 Linear functions and inequalities to model and solve problems
- 1.4 Quadratic functions to model problems and solve by factoring and graphing
- 1.5 Systems of linear equations or inequalities to model and solve problems
- 1.6 Graph, evaluate exponential functions

Goal 2: Complex numbers, matrices, and polynomials

- 2.1 Simplify and perform operations with rational exponents and logarithms to solve problems
- 2.2 Define and compute complex numbers
- 2.3 Operations with polynomial, rational, complex fractions
- 2.4 Solve problems using matrices
- 2.5 Direct, inverse, combined, joint variation in problem solving

Goal 3: Relations and functions

- 3.1 Inverse functions
- 3.2 Quadratic functions and inequalities: problem solving with constants and coefficients
- 3.3 Exponential functions: problem solving and interpreting the constants, coefficients, and bases
- 3.4 Extension of linear regression concepts
- 3.5 Rational equations: problem solving, constants and coefficients, asymptotes and intercepts
- 3.6 Cubic equations
- 3.7 Radical expressions
- 3.8 Equations and inequalities used in problem solving
- 3.9 Parabolas and circles
- 3.10 Systems of two or more equation or inequalities

Geometry

Goal 1: Mastery of Algebra I Skills

- 1.1 Geometric properties, relationships to solve problem
- 1.2 Formulas to solve problems
- 1.3 Define and use linear expressions to model, solve problems
- 1.4 Operation using matrices

Goal 2: Real numbers

- 2.1 Right triangle trigonometry
- 2.2 Length, area, volume of geometric figures
- 2.3 Arc length, area of sectors of circles, lateral area, surface area, volume of three-dimensional figures
- 2.4 Perimeter, area, volume of composite figures
- 2.5 Length, area, volume involving probability

Goal 3 Geometric and algebraic properties in problem solving and proofs

- 3.1 Logic and deductive reasoning to draw conclusions and solve problems
- 3.2 Properties, definitions, theorems of angle and lines
- 3.3 Properties, definitions, theorems of two-dimensional figures: triangles, quadrilaterals, polygons, circles
- 3.4 Develop and apply properties of solids

Goal 4: Transformation of geometric figures

- 4.1 Translation, reflection, rotation, dilation of polygons in the coordinate plane
- 4.2 Matrix operations to describe the transformation

Pre-Calculus

Goal 1: Mastery of skills

- 1.1 Behavior of functions: independent and dependent quantities, domain and range, input and output, mapping
- 1.2 Graphic, algebraic, numeric, tabular, verbal representations of relations
- 1.3 Linear, quadratic, cubic, exponential, rational, absolute value, radical functions
- 1.4 Systems of two or more equations or inequalities
- 1.5 Trigonometric ratios
- 1.6 Logic and deductive reasoning

Goal 2: Geometric figures in coordinate plane

- 2.1 Transform relations algebraically and geometrically in two dimensions
- 2.2 Quadratic relations: parabola, circle, ellipse, hyperbola
- 2.3 Problem solving with vectors in two dimension models

Goal 3: Relation and functions

- 3.1 Functions: polynomial, power, rational, exponential, logarithmic, logistic, piecewise-defined, greatest integer
- 3.2 Trigonometric and inverse trigonometric to problem solve
- 3.3 Sets of data, create and use graphing calculators to generated models of linear, polynomial, exponential, trigonometric, power, logistic and logarithmic functions
- 3.4 Composition and inverse functions
- 3.5 Polar equations
- 3.6 Recursive functions: sum of a finite sequence, sum of infinite sequence, series that converges or diverges, recursive and explicit representations
- 3.7 Limits of functions

Calculus

Goal 1: Mastery of Skills

- 1.1 Use circle, trigonometric, and inverse trigonometric functions to solve problems
- 1.2 Use the trigonometric ratios and the laws of sines and cosines to solve problems
- 1.3 Describe graphically, algebraically and verbally phenomena as functions; identifying independent and dependent quantities, domain and range
- 1.4 Translate among graphic, algebraic, tabular, and verbal representations of relations
- 1.5 Use functions (linear, polynomial, exponential, logarithmic, rational, power, piecewise) to model and solve problems)
- 1.6 Use the composition and inverse of functions to model and solve problems
- 1.7 Transform relations in two and three dimensions, describe algebraically and/or geometrically the results
- 1.8 Use the conic relations to model and solve problems
- 1.9 Write equivalent forms of algebraic expressions
- 1.10 Write equivalent forms of algebraic expressions
- 1.11 Find special points (zero, intercepts, asymptotes, local maximum, local minimum, etc.) of relations and describe in the context of the problem

Goal 2: Behavior of Functions

- 2.1 Demonstrate and understanding of limits both local and global
- 2.2 Calculate limits, including one-sides, using algebra
- 2.3 Estimate limits from graphs or tables of data
- 2.4 Recognize and describe the nature of aberrant behavior caused by asymptotes and unbound regions
- 2.6 Understand asymptotes in terms of graphical behavior
- 2.7 Describe asymptotic behavior in terms of limits involving infinity
- 2.8 Compare relative magnitudes of functions and their rates of change
- 2.9 Identify and demonstrate and understanding of continuity
- 2.10 Develop and intuitive understanding of continuity, close values of the domain lead to close values of the range
- 2.11 Understand continuity in terms of limits
- 2.12 Develop a geometric understanding of graphs of continuous functions, intermediate Value Theorem and Extreme Value Theorem

Goal 3: Derivatives and Problem Solving

- 3.1 Explore and interpret the concept of the derivative graphically, numerically, analytically and verbally
- 3.2 Interpret derivative as an instantaneous rate of change
- 3.3 Define the derivative as the limit of the difference quotient
- 3.4 Identify the relationship between differentiability and continuity
- 3.5 Apply the concept of the derivative at a point
- 3.6 Find the slope of a curve at a point, vertical tangents and no tangents
- 3.7 Find the tangent line to a curve at a point and local linear approximation
- 3.8 Find the instantaneous rate of change as the limit of average rate of change
- 3.9 Find the instantaneous rate of change as the limit of average rate of change

- 3.10 Approximate a rate of change from graphs and tables of values.
- 3.11 Interpret the derivative as a function
- 3.12 Identify corresponding characteristics of graphs of functions and inverse functions
- 3.13 Identify relationship between the increasing and decreasing behavior of function and the sign of inverse functions
- 3.14 Investigate the Mean Value Theorem and its geometric consequences.
- 3.15 Translate between verbal and algebraic descriptions of equation involving derivatives
- 3.16 Demonstrate fluency and accuracy in the computation of derivatives
- 3.17 Find the derivatives of basic functions, including power, exponential, logarithmic, trigonometric, and inverse trigonometric functions
- 3.18 Use the basic rules for the derivative of sums, products, and quotients of functions
- 3.19 Use the Chain Rule and implicit differentiation
- 3.20 Interpret the second derivative
- 3.21 Identify the corresponding characteristics of the graphs of functions, inverse functions, and double prime functions.
- 3.22 Identify the relationship between the concavity of functions, inverse functions, and double prime functions
- 3.23 Identify points of inflection as places where concavity changes
- 3.24 Apply the derivative in graphing and modeling contexts.
- 3.25 Analyze curves, with attention to monotonicity and concavity
- 3.26 Optimize with both absolute (global) and relative (local) extrema
- 3.27 Model rates of change, including related rates problems
- 3.28 Use implicit differentiation to find the derivative of an inverse function
- 3.29 Interpret the derivative as a rate of change in varied applied contexts, including velocity, speed, and acceleration
- 3.30 Interpret differential equations geometrically via slope fields and the relationship between slope fields and solution curves for differential equations

Goal 4: Integrals and Problem Solving

- 4.1 Explore and interpret the concept of the definite integral
- 4.2 Compute Riemann sums using left, right, and midpoint evaluation points
- 4.3 Find the definite integral as a limit of Riemann sums over equal subdivisions
- 4.4 Find the definite integral of the rate of change of a quantity over an interval interpreted as the change of the quantity over the interval
- 4.5 Identify basic properties of definite integrals
- 4.6 Apply standard techniques of anti-differentiation
- 4.7 Find anti-derivations by substitution of variables, including change of limits for definite integrals
- 4.8 Apply and interpret the Fundamental Theorem of Calculus
- 4.9 Use the Fundamental Theorem to evaluate definite integrals
- 4.10 Use the Fundamental Theorem to represent a particular anti-derivatives, and analytical and graphical analysis of functions so defined
- 4.11 Define and use appropriate integrals in a variety of applications
- 4.12 Interpret the integral of a rate of change to give accumulated change
- 4.13 Fine specific anti-derivatives using initial conditions

- 4.14 Set up and use an approximating Riemann sum or trapezoidal sum and represent its limit as a definite integral
- 4.15 Find the area of a region
- 4.16 Find the volume of a solid with know cross sections
- 4.17 Find the average value of a function
- 4.18 Find the distance traveled by a particle along a line
- 4.19 Solve separable differential equations and use them in modeling and exponential growth

Science

Physical Science

Goal 1: Foundations

- 1.1 Models that explain how the world works
- 1.2 Creation Mandate
- 1.3 Christian and secular definitions of science
- 1.4 Structure of scientific knowledge
- 1.5 Methodologies of science
- 1.6 Matter: nature, classification, changes,
- 1.7 Scientific measuring
- 1.8 Significant digits
- 1.9 Problem-solving and scientific notation

Goal 2: Mechanics

- 2.1 Describing motion
- 2.2 Newton's laws of motion; gravity compared to free fall
- 2.3 Momentum
- 2.4 Kinetic and potential energy; energy transformations and conservation
- 2.5 Mechanical work: levers and other simple machines
- 2.6 Fluid mechanics and basic hydraulic theory
- 2.7 Charles's and Boyle's gas laws
- 2.8 Thermodynamics: thermal energy, temperature, heat

Goal 3: Electromagnetism

- 3.1 Static electricity; electric fields; measuring and storing charges
- 3.2 Electric current and Ohm's law; batteries, electrical safety
- 3.3 Magnets and magnetism; geomagnetism; AC and DC generators; transformers; electromagnets and their uses

Goal 4: Periodic phenomena

- 4.1 Description of periodic motion
- 4.2 Pendulums; waves and wave phenomena
- 4.3 Properties of sound; infrasound and ultrasound; voice and hearing; applications of sound
- 4.4 Electromagnetic spectrum; radio frequency technology; properties of visible light; nature of color
- 4.5 Reflection and mirrors; refraction and lenses

Goal 5: Structure of matter

- 5.1 Historical development of the atomic model
- 5.2 Structure of the atom; electron structure of atom
- 5.3 Radiation and nuclear changes
- 5.4 Origin of the periodic table; elements and their symbols; classification of the elements; periodic trends

Goal 6: Introduction to chemistry

6.1 Electronegativity, valence electron structure

6.2 Covalent, ionic, metallic bonds

6.3 Compounds classified according to bond-type

6.4 Chemical formulas and equations; oxidation numbers

6.5 Types of chemical reactions; classifying mixtures; solution process; measuring concentration; acids and bases; salts from acid-base reactions; pH

Biology

Goal 1: Science of Life

- 1.1 God and science, truth, scientific method, limits of science
- 1.2 Attributes of life, study of life
- 1.3 Basic chemistry and organic chemistry
- 1.4 Cell structure, living state of cells, cellular respiration, photosynthesis, metabolism and protein synthesis, mitosis, meiosis
- 1.5 Basic genetics, genetic crosses, chromosome and gene changes, gene actions, gene mutations
- 1.6 Christian approach to biotechnology, cloning, stem cells research, genetically modified crops
- 1.7 Philosophy of evolution, biological evolution, Biblical Creationism, deluge, age of the earth

Goal 2: Science of Organisms

- 2.1 Classification of organisms; dichotomous keys; definition of species and kind, bacteria viruses, and related organisms
- 2.2 Protozoans, algae, fungi
- 2.3 Plant classification, plant anatomy, plant physiology, plant reproduction

Advanced Biology

Goal 1: Science of Organisms

- 1.1 Invertebrates: sponges, cnidarians, worms, mollusks, echinoderms, arthropods
- 1.2 Vertebrates: fish, amphibians, reptiles, birds, mammals, ecology, biomes
- 1.3 Dominion Mandate
- 1.4 Human diseases and disorders; disease control; aging, death

Goal 2: Study of Human Life

- 2.1 Body systems: integumentary, skeletal, muscular, respiratory, digestive, circulatory, lymphatic, excretory, nervous, endocrine, reproductive systems
- 2.2 Nutrition, drugs, alcohol
- 2.3 Human relationships

Chemistry

Goal 1: Foundation of Chemistry

- 1.1 History, role, potential of chemistry
- 1.2 Christian perspective on studying science

Goal 2: Matter

- 2.1 States of matter
- 2.2 Interactions with energy
- 2.3 Phase changes

Goal 3: Measuring and calculating

- 3.1 Measurement systems, SI units, significant digits in measurement and calculation
- 3.2 Organized problem solving

Goal 4: Atomic structure

- 4.1 Historical development of atomic models
- 4.2 Nucleus: subatomic particles, orbitals, quantum numbers, orbital notation, electron configurations, isotopic notation

Goal 5: Elements

- 5.1 Development of the modern periodic table
- 5.2 Descriptive chemistry
- 5.3 Periodic trends of atomic and ionic radius, electronegativity, electron affinity, ionization energy

Goal 6: Chemical bonds

- 6.1 Causes and types of bonding
- 6.2 Lewis structures
- 6.3 Formula units
- 6.4 Properties of different kinds of compounds

Goal 7: Bonding theories and molecular geometry

- 7.1 Valence bond theory and molecular resonance
- 7.2 Molecular orbital theory and valence shell electron pair repulsion theory
- 7.3 Molecular shapes; polar, covalent bonds

Goal 8: Chemical composition chemical calculations

- 8.1 Oxidation numbers and writing formulas
- 8.2 Chemical nomenclature and polyatomic ions
- 8.3 Balancing chemical equations
- 8.4 Types of reactions
- 8.5 Mole, structural, molecular, empirical formulas
- 8.6 Percent composition, limiting reactants, percent yield

Goal 9: Gases

9.1 Properties of gases and measuring pressure

9.2 Gas laws and conversions

Goal 10: Solids, liquids, and solutions

10.1 Intermolecular forces

10.2 Properties of solid and liquids

10.3 Phase changes, crystalline solids, phase diagrams

10.4 Solution types

10.5 Solvation, solubility, rate of solution, measuring concentration, colloids

Goal 11: Chemical thermodynamics

11.1 Thermochemistry, enthalpy, specific heat

11.2 Reaction tendency, entropy, free-energy change

Goal 12: Chemical equilibrium

12.1 Reversible and irreversible reactions

12.2 Equilibrium concentrations and constants

12.3 La Chatelier's principle

12.4 Applications of equilibrium chemistry

Goal 13: Acids, bases, and salts

13.1 Properties and definitions of acids and bases

13.2 pH and pOH scales, neutralization, titrations, buffers

Goal 14: Oxidation-reduction

14.1 Redox reactions

14.2 Electrochemistry, electrolytic cells, electrolysis, voltaic cells

Goal 15: Organic chemistry and biochemistry

15.1 Organic compounds, hydrocarbons

15.2 Functional groups, organic reactions

15.3 Carbohydrates, proteins, lipids

Physics

Goal 1: Framework

- 1.1 Christian worldview and ethics
- 1.2 Structure and limitations of science
- 1.3 Overview of physics; scientific methodology and modeling
- 1.4 The metric (SI) system and principles of measurement
- 1.5 Rules for determining and using significant digits in measurement and calculations

Goal 2: Classical Mechanics

- 2.1 Mathematical description of motion in one and two dimensions
- 2.2 Vectors and scalars in graphical and analytical solutions
- 2.3 Dynamics: forces and cause of motion according to Newton's laws
- 2.4 Friction, motion in a plane, including circular motion, motion of multi-body systems
- 2.5 Work, energy, total mechanical energy
- 2.6 Conservation of energy and simple machines; momentum and its conservation, collisions, center of mass, angular momentum
- 2.7 Periodic and simple harmonic motion, pendulum, damped and driven oscillations, physical waves

Goal 3: Thermodynamics and Matter

- 3.1 Kinetic-molecular theory of matter and the states of matter
- 3.2 Thermal properties of matter, measuring temperature, the gas law
- 3.3 Theories of heat, thermal energy, mechanisms for heat transfer
- 3.4 Four laws of thermodynamics
- 3.5 Entropy and its consequences
- 3.6 Fluid mechanics: hydrostatics and hydrodynamics

Goal 4: Electromagnetics

- 4.1 Electrostatics and charges
- 4.2 Electric fields and capacitors
- 4.3 Current, voltage, resistance, basic DC circuits
- 4.4 Transistor theory
- 4.5 Magnetism and its relationship to current and conductors
- 4.6 Electromagnetism and alternating currents
- 4.7 AC circuit characteristics

Goal 5: Geometric Optics and Light

- 5.1 The electromagnetic spectrum, sources and propagation of light
- 5.2 Reflection and mirrors; refraction and lenses
- 5.3 Wave interference, diffraction, and polarization
- 5.4 Intensity and color of light; optical instruments

Goal 6: Modern Physics

6.1 Relativity: Galilean relativity, special relativity, general relativity;

6.2 Quantum Physics: quantum theory, quantum mechanics, the atom, modern atomic models

6.3 Nuclear reactions; elementary, subatomic particles

Social Studies

Civics and Economics

Goal 1: Foundations of the American political system

- 1.1 Geographic diversity influencing economic, social, political life in colonial North America
- 1.2 Development of ideas about self-government in British North America
- 1.3 Causes of the American Revolution
- 1.4 Emergence of American identity
- 1.5 Major domestic problems under the Articles of Confederation
- 1.6 Viewpoints of Federalist Papers and Anti-Federalist Papers
- 1.7 Bill of Rights, Constitution
- 1.8 Compare the American system of government with other forms

Goal 2: Government established by the US constitution

- 2.1 Principles of US Constitution
- 2.2 Framework, organization, structure of the three branches of the national government
- 2.3 Limits of authority of public officials and government agencies
- 2.4 Changes to the Constitution
- 2.5 Constitution, supreme law of the land
- 2.6 Bill of rights protect the rights of individuals
- 2.7 Modern controversies of power
- 2.8 Taxation and other revenues sources
- 2.9 Services provided and funding for government

Goal 3: State and local government and the state constitution

- 3.1 Principles of NC Constitution
- 3.2 Framework, organization, structure of state and local governments
- 3.3 Role of public officials and government agencies
- 3.4 Process of change for state constitution and local charters
- 3.5 Fourteenth amendment, extends protection to citizens of the state
- 3.6 Modern controversies related to powers of the state government
- 3.7 Taxation and other revenue sources at the state and local level
- 3.8 Services provided and funded for state and local agencies

Goal 4: Active rolls of citizens at the local, state, and national

- 4.1 Structure and organization of political parties
- 4.2 Election process and qualifications for voting
- 4.3 Political issues and candidates seeking political office
- 4.4 Changes through political action
- 4.5 Compliance or noncompliance with laws governing society
- 4.6 Benefits of civic participation
- 4.7 Benefits of involvement at the state and local level

Goal 5: Political and legal systems and balance competing interests and resolve conflicts

- 5.1 Jurisdiction of state and federal courts
- 5.2 Nature of the judicial process
- 5.3 Debate and compromise in the legislative process
- 5.4 Balance interest and resolve conflicts
- 5.5 Individual citizens' roles in government

Goal 6: Laws; enacted, implemented, and enforced at all levels

- 6.1 Development of law in American society
- 6.2 Cite examples of common, criminal, civil, constitutional, administrative, statutory law
- 6.3 Procedures in the enactment, implementation, enforcement of law
- 6.4 Methods citizen can be informed about the laws
- 6.5 Roles of lobby groups and special interest groups
- 6.6 Responsibilities, jurisdictions, methods of law enforcement agencies
- 6.7 Methods to address criminal and anti-social behaviors

Goal 7: Economic choices

- 7.1 Factors of production and impact on economic activities
- 7.2 Effects of scarcity of goods
- 7.3 Tradeoffs and opportunity costs of economic choices
- 7.4 Impact on economic activities of specialization, division of labor, consumption, production increases
- 7.5 Impact of investment on human, capital, natural resources
- 7.6 Different economic systems and key economic factors

Goal 8: Features of the economic system

- 8.1 Characteristics of command, market, traditional, mixed economics
- 8.2 Free enterprise system
- 8.3 Circular flow of economic activity
- 8.4 Effects of supply and demand on prices of goods
- 8.5 Role of money in trading, borrowing, investing

Goal 9: Factors influencing the US economy

- 9.1 Phases of the business cycle
- 9.2 Impact of government regulation on specific economic activities
- 9.3 Impact of the movement of human and capital resources on economy
- 9.4 Impact of current events on economy
- 9.5 Impact of US economy on international trade and global products
- 9.6 Interdependent domestic and international economies
- 9.7 Short and long term effects of fiscal and monetary policy on the US economy

Goal 10: Personal responsibilities of citizens

10.1 Distinguish between personal and civic responsibilities and the tensions that may arise between them

10.2 Issues regarding diversity in American life

10.3 Characteristics of effective citizenship

10.4 Recurring public problems and issues

World History

Goal 1: The Ancient World

- 1.1 Foundations of World History
- 1.2 Early Civilizations
- 1.3 The Greek Civilization
- 1.4 The Roman Republic
- 1.5 The Empire

Goal 2: The Eastern World

- 2.1 Byzantine and Islamic Empires
- 2.2 Civilizations of Asia and Africa

Goal 3: The Medieval World

- 3.1 The Making of Medieval Europe
- 3.2 Princes and Popes
- 3.3 The Reshaping of Medieval Europe

Goal 4: The Awakening World

- 4.1 The Renaissance
- 4.2 The Reformation
- 4.3 Exploration and Discovery

US History

Goal 1: Horizons

- 1.1 Winds and wilderness
- 1.2 Thirteen colonies
- 1.3 Colonial life
- 1.4 Religion in the American Colonies

Goal 2: Forge

- 2.1 The rising storm, 1689-1770
- 2.2 Independence, 1770-1783
- 2.3 The Critical Period, 1781-1789
- 2.4 The Federalist Years, 1789-1801

Goal 3: Nation

- 3.1 The Jeffersonian Era, 1801-1825
- 3.2 The Age of Jackson, 1820-1840
- 3.3 The Growth of American Society, 1789-1861
- 3.4 Manifest Destiny, 1840-1848

Goal 4: Crisis

- 4.1 A house dividing, 1848-1861
- 4.2 War between the states, 1861-1865
- 4.3 Reconstruction, 1865-1877

Goal 5: Quest

- 5.1 The Gilded Age, 1877-1896
- 5.2 America Expands, 1850-1900
- 5.3 The Progressive Era, 1900-1920
- 5.4 The Great War, 1913-1920

Goal 6: Leadership

- 6.1 The Twenties, 1920-1929
- 6.2 The Thirties, 1929-1939
- 6.3 The World at War 1939-1945

Goal 7: Challenge

- 7.1 The Postwar Era, 1945-1963
- 7.2 The shattered society, 1963-1973
- 7.3 A nation adrift, 1973-1980
- 7.4 Resurgence, 1981-1992
- 7.5 New challenges, 1993-2000

PE and Physical Conditioning

Objectives:

- Physical development and fitness
- Technique and safety in weight lifting
- Developing skills to promote a healthy lifestyle

Bible

Bible I, II, III, IV

Due to the ever changing spiritual needs of our students, our Bible curriculum changes to meet their needs. The following topics are rotated in a four year cycle, with flexibility to add additional components when necessary.

Topics:

- Old Testament Survey
 - The Pentateuch
 - The Historical Books
 - Poetical and Wisdom Books
 - The Prophets
 - Major Prophets
 - Minor Prophets
- New Testament Survey
 - The Gospels
 - The Acts of the Apostles
 - The Letters of Paul
 - The General Epistles
 - Revelation
- Song of Solomon
- Truth Project
- Christian Morals and Ethics
- Cults and Occult
- Apologetics
- Christian Novels
- Required Ministry/Missions Opportunies

Electives

Computer Technology

Objectives:

- Practice safe, responsible, and ethical behavior, using technology resources and information
- Identify issues surrounding complex technology environments
- Refine knowledge and skills in keyboarding and word processing, publishing, spreadsheets, multimedia, telecommunication
- Select and use appropriate technology tools to efficiently collect, analyze, display data
- Application of ethical journalism techniques through publication of school newspapers

Yearbook

Objectives:

- Skill development of graphic design software
- Collect information, prepare layouts, develop pages for final project
- Write and edit copy
- Collaborate and produce final product as a group
- Digital photography
- Presentation of product to public audience
- Creativity

Art

Goal 1: Critical and creative thinking skills

- 1.1 Plan and organize for creating art
- 1.2 Devise and use strategies for imagining and implementing images
- 1.3 Multiple solutions for problem solving
- 1.4 Sources used to create original art
- 1.5 Development of ideas over time
- 1.6 Vocabulary of visual art terms

Goal 2: Understand and apply media, techniques, and processes

- 2.1 Properties of art materials
- 2.2 Techniques and processes for working various art materials
- 2.3 Safe and responsible use of tools and materials

Goal 3: Organizational principles of design and art elements

- 3.1 Elements of art in an aesthetic composition
- 3.2 Design principles used in composition
- 3.3 Intuitive perception to solve problems
- 3.4 Experimentation to solve problems
- 3.5 Critical thought and analysis

Goal 4: Communicate ideas and feelings through art

- 4.1 Life surrounding and personal experiences to express ideas
- 4.2 Interpret the environment through art
- 4.3 Invent original and personal imagery

Goal 5: Visual arts related to history and cultures

- 5.1 Identify specific works of art belonging to particular cultures, times, and places
- 5.2 Relationships of works of art among culture
- 5.3 Movements, periods, styles
- 5.4 Universal themes throughout history
- 5.5 Aesthetics in art in various cultures

Goal 6: Critiques of individual and peer products

- 6.1 Various purposes of creating works of visual art
- 6.2 Experiences influence design
- 6.3 Work and ideas are unique to the individual
- 6.4 Constructive role of failure is part of creative process
- 6.5 Offer constructive criticism

Goal 7: Awareness of art

- 7.1 Art related avocations
- 7.2 Art professions
- 7.3 Art provides an opportunity for lifelong learning

Duel Enrollment at Wilkes Community College

Eleventh and twelfth grade students are approved for duel enrollment at Wilkes Community College to take electives or college transfer classes. Students enrolled receive high school as well as college credit.