

Mount Carmel Christian School Curriculum Guide



Revised: July 5, 2016

Topic/Objective Codes:

Y = taught yearlong

F = Taught during Fall/1st Semester

W = Taught during Winter/2nd Semester

⇒ = Indicates a S.T.E.M. Objective
(Science, Technology, Engineering and Math)

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Mount Carmel Christian School is **Accredited** with **Quality** [the highest rating a private school can receive] from the *Georgia Accrediting Commission, Inc.*

Pre-K 4

LANGUAGE ARTS

Phonics and Reading

Identify names and sounds of letters
Recognize upper and lower case letters
Write first name correctly, using upper and lower case letters
Identify vowels
Understand that words are made up of letters and all words need vowels
Recognize written color words

Language Development

Listen to and follow simple directions
Speak in sentences and relate experiences
Respond verbally to individuals and in a large group
Enjoy stories and rhymes
Recite first and last name

SCIENCE

Weather
Seasons
Tools and Machines
Plants and Seeds

Pre-K children are naturally curious about their world. Pre-K science activities encourage the student to explore, investigate, observe and record changes in the environment. Children learn to use their senses and simple tools such as magnets and magnifiers to make observations and collect information. Activities such as noting the changes in the seasons and exploring simple machines encourage the further development of scientific thinking. Topics covered may include weather, seasons, plants and seeds, tools and machines, and a science fair project.

SOCIAL STUDIES

Georgia
United States symbols
Multicultural Fairy Tales
Seasonal Holidays
Community Helpers

Social Studies in Pre-K is the development of meaningful knowledge about the people, jobs, landmarks, and cultures of the surrounding community and the world. Students learn how to function within the classroom and how to work with their classmates and teachers. They become aware of the similarities and differences among people and how each person is an important member of the community. Topics covered may include Georgia and US History, community helpers, and multi-cultural fairy tales.

MATHEMATICS

Number recognition 1 – 10, numerals and words
Understanding one to one relationships
Understand concepts of more, less, equal, first and last
Complete simple patterns
Learning to use a calendar
Rote count to 20
Complete simple puzzles (up to 25 pieces)
Identify shapes and use math words to describe them (equal, angle, side, and curve)

THE ARTS

Paint and paste with neatness, cut out simple objects
Opportunity to use color, materials and imagination to create unique works
Listen to and learn various types of songs

BIBLE

Attend weekly Chapel services and hear various Bible stories
Learn hymns/choruses
Hear Bible verses in class and discover application to our lives

GROSS MOTOR SKILLS (to be mastered)

Clapping hands
Shaking rattles
Waving
Feeding finger foods
Pushing and pulling toys
Stacking blocks
Working puzzles
Standing on one foot
Jumping
Running
Kicking
Catching balls

INDEPENDENT ACTIVITIES

Students can feed themselves
Wash hands
Take off and put on clothing
Manipulating fasteners (zippers, buttons, snaps)
Appropriate toilet activities
Taking turns
Sharing with others

K

Kindergarten

LANGUAGE ARTS

Recognition of name and sound of all letters – short vowels **Y**
Blending letter sounds to read words, sentences, short stories **Y**
Understanding sentence structure – capitalization, punctuation **W**
Recognition of color words, number words through ten **Y**
Recognition of simple sight words **Y**
Writing letters, words, and sentences; first and last name **Y**
Journals, creative writing **Y**
Rhyming words **Y**
Group/individual listening centers, aural comprehension **Y**
Exposure to children’s literature through tradebooks, poems,
and finger plays **Y**

MATHEMATICS

Position (top, middle, bottom, inside, outside) F	Left/Right Y
Classification by common attributes F	Patterns Y
Comparison – same number, more, fewer Y	Numbers 0-20 F
Measuring length, volume, height, weight F	Comparing F
Geometry (shapes and figures) F	Graphing F
Addition and Subtraction of single-digit numbers F	Fractions Y
Introduction to time, money, and numbers 21-30 W	

SCIENCE

The Five Senses **W**
Weather and Seasons **F**
Taking care of the Earth **F**
Animals and Insects **F**
Nutrition and food **F**
Seeds and Plants **Y**
How Things Grow **Y**
Dinosaurs **F**
Solar System **F**
Magnets **W**

SOCIAL STUDIES

Emotions, physical attributes **Y**
Family and Friends **F**
Christmas customs around the world **W**
Sharing, cooperation and conflict resolutions **Y**
Safety – school, playground and fire **Y**
Where I Live – Georgia/USA **W**
Service Projects **Y**

COMPUTER

Establish familiarity with computer
Practice mouse skills
Reinforce kindergarten skills such as pre-reading, classification, sequencing,
counting, problem solving, and following instructions through multi-media
programs
Use basic computer vocabulary through exposure

BIBLE

Attend weekly Chapel services
Children’s Bible songs
Basic Bible truths
Familiar Bible stories

1

First Grade

LANGUAGE ARTS

Phonics and Reading

Review of vowels, consonants, blends Y
Decoding skills Y
Vocabulary development Y
Comprehension Skills Y
Literary elements of selected readings Y
Fantasy and realism Y
Main characters Y
Recalling details Y
Cause and effect sequence Y
Conclusions, predictions, comparisons Y
Reads with fluency and expression Y

Handwriting

Review and practice of proper letter formation F
Daily practice in academic areas Y

Language

Rules of capitalization Y
Punctuating sentence Y
Sentence components Y
Affixes, syllabication, compound words, contractions, nouns, verbs, adjectives Y
Letter writing Y
Poetry W
Lyric and narrative drama Y
Journaling Y
Writing process skills Y
Written and oral communication Y

Spelling

Weekly phonics-based lessons Y
Proofreading Y
Vocabulary building Y
Using reference works W

MATHEMATICS

Number recognition and counting F
Addition and subtraction concepts and facts to 20 Y
2-digit adding and subtracting without regrouping W
Counting by fives, tens, and twos F
Numbers and number patterns to 100 F
Liquid, linear, temperature, and weight measurement W
Geometry – shapes and patterns W
Calendar – identifies days, weeks, months, year Y

Data and graphing Y
Counting money Y
Telling time Y
Estimation Y
Fractions Y
Probability Y
Sequencing and patterns Y

SCIENCE

Earth Science

Rocks, soil, seasons, sun, stars, and seasons W

Life Science

Introduction to plants and animals F
Animal Habitats F

Physical Science

Machines, movement, comparing, and measurement W
Magnets W

SOCIAL STUDIES

Schools F
Living in a community F
America and its heroes W
Land forms and maps Y
Home and family W
Our World W

MUSIC

Keep the steady beat with instruments and body percussion
Identify fast, slow and accelerating tempos
Echo basic melodic and rhythmic patterns
Move appropriately to different styles of music
Understand melodic contour
Identify loud, soft, high, and low sounds
Sing, chant, listen, and move to the music from a variety of cultures

Understand different ways the voice can be used
Understand and perform music at different dynamic levels

COMPUTER

Learn basic computer vocabulary for hardware **F**
Begin using keyboard/learning special keys such as enter, space bar, backspace, shift **F**
Use computer programs for creative art activities and creative story writing **W**
Practice grade level skills such as reading, spelling, early math, social studies concepts,
problem solving and following instructions through multi-media programs **Y**

**PHYSICAL
EDUCATION**

Stretching/warm-up exercises before beginning activities
Activities that improve individual fitness levels, rhythmic activities, cooperative
activities, lead-up games
Activities that improve gross motor skills, fine motor skills, hand-eye
coordination and chasing/fleeing skills
Activities that improve loco motor, manipulative, general space and self space

BIBLE

Weekly Chapel Services
Bible classes 2x weekly
Memory verse weekly

Focus: **THE GOD OF IMPOSSIBILITIES**

God's New World

Adam and Eve
Noah
The Tower of Babel

Jesus: The Son of God

Jesus is born
Jesus is baptized by John
Jesus tells us how to live

Jesus Does the Impossible

Jesus Proves He is God: He forgives sin

God's Covenant with Abraham's Family

2

Second Grade

LANGUAGE ARTS

Phonics and Reading

Review vowels, consonants and blends **Y**
Decoding skills **Y**
Vocabulary development **Y**
Comprehension skills **Y**
Literary elements of selected readings **Y**
Reading Comprehension **Y**
Book projects/reports **Y**
Accelerated Reader **Y**

Writing

Proper manuscript letter formation **Y**
Guided creative writing **F**
Creative journal writing **Y**
Daily practice in academic areas **Y**
Steps to good writing **Y**
Introduction to writing poetry **W**

Spelling

Weekly phonics-based word list **Y**
Weekly test **Y**
Reinforcement activities **Y**
Proofreading **Y**
Dictionary skills **Y**

Language

Capitalization of first word in a sentence, days of the week, months of the year, special holidays, people, and places, titles, stories and poems **F**
Correct punctuation at the end of sentences **F**
Nouns, Verbs, **F**
Adjectives, Pronouns, and Averbs **W**
Words using suffixes, prefixes, abbreviations, compound words **Y**
Rhyming words, opposite words, same-meaning words **Y**
Multiple-meaning words, plural and singular possessive words and contractions **W**
Alphabetizing words **Y**
Dictionary skills **Y**
Use of index page and content page **F**
Word usage rules **Y**
Writing of complete sentences **Y**
Questions, exclamations, commands and short stories **Y**
Writing letters and thank-you notes **F**
Creative writing **Y**
Writing in paragraph form **W**
Commas in letters, dates, city and state and in a series **F**

MATHEMATICS

Number recognition, counting, and writing 1 -1,000 **F**
Number ordering 1-1,000 **F**
Counting and writing by groups of ten, five, four, three and two **F**
Addition and subtraction facts through 20, including fact families **Y**
Column addition and subtraction, three digit addition and subtraction (with regrouping) **F**
Multiplication facts **Y**
Division facts **W**
Problem solving **Y**

Estimation **W**
Money **W**
Telling time **W**
Measurement **W**
Calendars **Y**
Place value **F**
Fractions **W**
Reading a thermometer **W**

⇒ Creating and reading graphs of plants growing and changing in class garden

SCIENCE

Earth Science

Space **W**
Weather **W**
Water, Air, **W**

Life Science

Animals **F**
Plants **F**

Physical Science

Magnets **W**
Matter **W**
Heat **W**
Light, & Shadow **W**

Health

Dental Hygiene **W**
Safety **W**
Senses **W**
The Human Body **W**

⇒ Class will build and grow a garden. This includes the preparation of the soil, planting seeds and plants, weeding and caring for plants

SOCIAL STUDIES

Where we live **F**
Map skills, direction words **F**
Continents **F**
Community workers, needs and wants, earning and spending money **W**
Government community rules, conserving natural resources **W**
Native Americans **Y**
Holidays **Y**
Communities around the world **W**
Community rules and laws **F**
How to be a good citizen **F**
Black History **W**
Famous Americans **W**

⇒ Technology project includes making word webs and other forms of technology showing different aspects of tribal groups

MUSIC

Keep the steady beat with instruments and body percussion
Perform basic rhythms with instruments and body percussion
Read, perform and create basic rhythm
Identify fast, slow and accelerating tempos
Move appropriately to different music styles
Understand melodic contour
Identify phrasing beginnings and endings
Identify musical instruments and their corresponding families

Understand and perform music at different dynamic levels
Learn dynamic symbols
Sing, chant, listen and move to music from a variety of cultures
Identify AB and ABA form

COMPUTER

Learn basic computer vocabulary
Continue using keyboard and learning keys for basic punctuation
Use computer programs for creative art activities and creative story writing
Practice grade level skills such as reading, grammar, spelling,
early math, social studies concepts, problem solving and following
instructions through multi-media programs

**PHYSICAL
EDUCATION**

Stretching/warm-up exercises before beginning activities
Activities that improve individual fitness levels, rhythmic activities, cooperative
activities and lead-up games
Activities that improve gross motor, fine motor skills, eye-hand coordination
Dominant/Non-Dominant hand and foot
Activities that improve balance, coordination, loco motor, manipulative skills, general
space, self space
Sports activities to include the basic fundamentals of basketball, kickball, soccer, and
softball

BIBLE

Weekly Chapel services
Memory verses weekly
Bible classes 2x weekly
Hymns and choruses
Focus: **THE GOD OF FREEDOM**

God Frees His People

God Calls Moses
Moses Shows Pharaoh God's Power
The Passover

Freedom with Rules

The Ten Commandments
God's People Settle the Promised Land

Life of Christ

ENGINEERING PROJECTS

Project will include the design and building of bat houses
Composting and building of compost bins

3

Third Grade

LANGUAGE ARTS

Phonics and Reading

Reading comprehension **Y**

Vocabulary building **Y**

Poetry **W**

Reference skills **Y**

Plays **W**

Decoding Skills **Y**

Writing

Introduce cursive handwriting **Y**

Practice handwriting through skill practice, spelling words, sentence dictation, and original composition **Y**

Spelling

Weekly phonics-based word list **Y**

Sentence dictation using spelling words **Y**

Reinforcement activities **Y**

Creative writing using spelling words **Y**

Language

Writing process for paragraph types **F**

Complete sentences **F**

Punctuation and capitalization **F**

Creative writing, friendly letters **W**

Recognition of simple nouns, subjects, verbs, adjectives **F**

Word usage **Y**

Forming plurals and common contractions **W**

Recognition of antonyms, homonyms, synonyms **W**

Dictionary skills **Y**

Journal writing-creative writing **W**

Book reports-written and oral **Y**

MATHEMATICS

Recognition of the place value numbers **Y**

Addition facts and checking addition problems with regrouping **F**

Subtraction facts and checking subtraction problems with regrouping **F**

Multiplication tables 1 - 12 and multiplication problems with regrouping **F**

Division tables 1 - 12 **W**

English and metric measures **W**

Converting measures and solving measurement equations **W**

Telling time **W**

Problem solving **Y**

Recognizing and solving number sentences with signs (>) and (<) **W**

Counting money and solving money problems using the decimal point correctly **W**

Reading the thermometer **W**

Recognizing geometric shapes **W**

Fraction terminology and basic understanding of fractions **W**

SCIENCE

Earth Science

Earth's Soil **W**

Rocks & Minerals **W**

Weathering **W**

Fossils **W**

Life Science

Food Protection and Endangerment **F**

Living Things and Habitats **F**

Pollution & Conservation **F**

Physical Science

Heat Energy **W**

Magnets **W**

Skills

Observing, communicating, inferring, comparing, collecting data, predicting, experimenting, measuring **Y**

**SOCIAL
STUDIES**

Foundations of the United States **F**

Our Democratic Heritage **F**

Famous Americans **F**

Time lines **Y**

Map and globe skills **Y**

Modern Democracy **F**

Natural Resources

Government :Local, State, and National **F**

Economics **W**

MUSIC

Internalize the steady beat

Read, notate and perform basic melodic and rhythmic patterns

Understand melodic contour

Identify the beginning and ending of musical phrases that are the same and different lengths

Understand and perform music at different dynamic levels

Identify basic musical symbols

Read notes on a staff

Sing, chant, listen, and move to music from a variety of cultures

Identify AB, ABA, call and response, rondo, and cumulative forms

COMPUTER

Extend computer vocabulary to include basic internal parts of computer console

Continue using keyboard and learning special keys for tabbing, as well as, characters and punctuation that require using the shift key

Begin developing proper keyboarding skills through keyboarding programs

Use computer programs for creative art activities and creative story writing as an extension of classroom activities

Practice grade level skills such as reading, grammar, math, problem solving and following instructions through multi-media programs

Begin using basic word processing features such as insert, font style, underline and center alignment

Practice simple graphing exercise

**PHYSICAL
EDUCATION**

Activities that improve individual fitness levels, rhythmic activities, cooperative activities, lead-up games

Activities that improve gross motor, fine motor skills, eye-hand coordination

Dominant/Non-Dominant hand and foot

Activities that improve balance, coordination, loco motor, manipulative skills,

general space, self space

BIBLE

Weekly Chapel services

Memory verses weekly

Bible classes 2x weekly

Hymns/choruses

Focus: **THE GOD OF CHOICES**

Important People Make Important Choices

Judges: Sowing and Reaping

Kingly Choices in the New Land

King Saul

David

The Choice of Jesus

Jesus Shares The Last Supper

Jesus on Trial

Jesus Lives Again! The Good News!

The Young Church Tells the Good News

A Study of the Book of Acts, Part 1 - Acts 1 – 12

4

Fourth Grade

LANGUAGE ARTS

Reading and Literature

Oral reading **Y**
Reading comprehension **Y**
Vocabulary building **Y**
Figures of speech, imagery, metaphors, similes, idioms **W**
Identifying main idea and details **Y**
Predicting outcomes **Y**
Parts of a book **F**
Poetry **W**
Sequence of events **Y**
Word structure **Y**
Making inferences **Y**
Fact and opinion, cause and effect, compare and contrast **Y**
Point of view **F**
Use of reference materials **F**

Writing

Review of cursive writing formation through skill practice,
spelling words and original composition **Y**

Spelling

Weekly phonics-based word list and reading vocabulary **Y**

Language

Recognizing and using nouns, verbs, pronouns, adjectives and adverbs **Y**
Sentence structure and kinds of sentences **F**
Punctuation **Y**
Capitalization **Y**
Writing personal narratives, persuasive letters, paragraphs, friendly letters, informative
essays, compare and contrast essays, and response to literature **Y**

MATHEMATICS

Place value and money **F**
Types of numbers **F**
Measurement, standard and metric **F**
Mastery of fundamental operations **F**
Rounding and estimating answers **Y**
Decimals **Y**
Fractions - mixed numbers adding and subtracting **W**
Statistics and probability **W**
Geometry **Y**
Graphing **W**
Two-digit divisors **W**
Mean, median, range and mode **W**
Percentages **Y**
Word problems **Y**

SCIENCE

Earth Science

Rocks and Minerals **F**
Earth's Interior, Earthquakes, Volcanoes **F**
Planets – our Solar System and beyond **F**
Phases of the Moon **F**
Water, Weather Data and Forecasting **W**

Life Science

Producers **F**
Consumers **F**

Food Chains **F**
Webs **F**
Ecosystems **F**
Adaptations, Survival, & Extinction of Organisms **F**

Physical Science

Characteristics of Matter **W**
Heat Energy **W**
Simple Machines **W**
Force, Mass, Motion **W**
Effects of Gravity **W**
Light **W**
Sound **W**

Skills

Observing, communicating, inferring, comparing, collecting data, predicting, experimenting, measuring **Y**

**SOCIAL
STUDIES**

Map skills- physical and political, symbols, keys, scales, compass rose & grids **Y**
Land Forms **F**
Indians of North America **F**
Economics/Trade/Supply & Demand **F**
European Exploration in North America **F**
Government & Declaration of Independence **F**
Regions of the United States **Y**
Civil War (War Between the States) **W**
Location of States and identification of Capitals **Y**

MUSIC

Musical notation
Performing rhythm patterns
Recorder skills - middle C - high D
Following the conductor
Perform for an audience
Memorize music
Learn and perform music from a variety of styles and cultures

COMPUTER

Extend computer vocabulary to include concepts such as software, memory, less common hardware components and basic components of all computers
Continue using keyboard and learning special keys for cursor movement and keyboard control
Continue developing proper keyboarding skills through keyboarding program
Use computer programs for creative art activities on special occasions as an extension of classroom activities
Practice grade level skills such as grammar, math, problem solving through multi-media programs on a very limited basis
Begin exploring research programs
Develop working knowledge of all basic word processing features
Develop working knowledge of basic spreadsheet features
Begin to incorporate proper page layout and editing rules, learning standard editing symbols
Learn to determine which type of software tool to use based on the desired output
Learn to use computer tools for real world applications through the computer support for classroom businesses

**PHYSICAL
EDUCATION**

Activities that develop skills for individual and team sports
Cardio-respiratory activities
Activities that improve motor skills, muscular coordination
Games that utilize team sport skills
Games that emphasize sportsmanship, rhythmic activities

BIBLE

Weekly Chapel Services
Bible classes 2x weekly
Memory Verses Weekly
Hymns/choruses
Focus: **THE GOD OF HISTORY**
Kings and Prophets of the Old Testament
God's Leaders Act in History
God's Purposes in History
Paul's Mission to Spread the Good News-Paul's 1st, 2nd and 3rd Missionary Journals

SPANISH

Numbers 1-10
Colors
Days of the week
Months
Simple greetings
Simple shapes
Food
Body Parts
Classroom items
Animals
Family
Places
Simple verbs and nouns

5

Fifth Grade

LANGUAGE ARTS

Reading and Literature

Skills are taught through six grade level appropriate novels, 4 student selected books reports and the basal reading textbook **Y**

Reading

Reading comprehension **Y**

Vocabulary building **Y**

Study skills **Y**

Literature and elements of stories **Y**

Language development **Y**

Character Analysis **Y**

Writing

Sentence development **Y**

Paragraph development **Y**

Essays **Y**

Letters, friendly and business **Y**

Research reports **Y**

Introduction to poetry appreciation **Y**

Editing and revising **Y**

Spelling

Phonics rules **Y**

Weekly spelling/vocabulary **Y**

Language

Writing Process **Y**

Analogies **Y**

Rhyming **Y**

Vocabulary building **Y**

Word sequence and categorizing **Y**

Proofreading **Y**

Parts of speech **Y**

Synonyms, antonyms, homonyms **Y**

MATHEMATICS

Number sense **Y**

Computation and operations (+, -, x, --) on whole numbers, decimals and fractions **Y**

Geometry **Y**

Measurement **Y**

Reasoning **Y**

Problem solving **Y**

Data analysis, statistics and probability **Y**

⇒ Scale Drawings **W**

SCIENCE

Earth Science

Water, fresh, salt and water cycle **F**

Oceans **F**

Weather **F**

Space **F**

Atmosphere, land – constructive and destructive processes **F**

Life Science

Animals with and without backbones **F**

Plants **F**

Ecosystems **W**

Biomes **W**
Inherited traits, learned behaviors **W**
Cells and microorganisms **W**
Physical Science
Conservation of Matter **W**
Light & Sound Waves **W**
Energy & Motion **W**
Energy Resources , electricity, magnetism, **W**
Physical & chemical Changes **F**
⇒ Environmental preservation – ecology **Y**

**SOCIAL
STUDIES**

Survey of American History

Pre-Civil War through Reconstruction period **F**
Inca, Maya, Aztec, Pilgrims, Revolutionary War **F**
Reading maps, tables and graphs **Y**
Industrialization **W**
American West **F**
World War I **W**
The Great Depression and the 20s **W**
World War II and the Holocaust **W**
Civil Rights Movement **W**
Vietnam War **W**
Current Events **Y**
Citizenship **Y**
Civic and government **Y**
Culture and economics **Y**
Research skills (all subjects) **Y**

MUSIC

Understand musical notation: accidentals, key signatures
Perform music in a variety of key signatures
Perform duets and trios
Play notes in the second octave of the recorder
Developing sight-reading skills

ENGINEERING

Scale Drawings, 3D
Introduction to architectural engineering
Investigation with geometric shapes
Create pictures using shapes
Introduction into Structural Engineering
Explore with 3D shapes
Construct 3D scale models of scale drawings

COMPUTER

Extend computer knowledge to include classification of types of hardware components and an understanding of the network features
Develop a basic understanding of how computers work through video series and exercises
Focus on developing proper keyboarding skills through keyboarding programs
Practice basic word processing features and extend document processing to include more complicated features including inserting various types of objects into a document
Use research programs to accomplish research project assignments from other

classes
Learn to use the computer as a tool for accomplishing other school assignments, practicing choosing the most efficient software tool for the job
Use the internet as a research tool

**PHYSICAL
EDUCATION**

Further development of individual and team sport skills
Detailed rules for sports
Activities that improve cardio-respiratory, rhythm
Individual, team sports, games, tournaments, sportsmanship

BIBLE

Weekly Chapel Services
Memory Verse weekly
Bible classes 2x weekly
Hymns/choruses
Focus: **THE GOD OF HISTORY**
 God's leaders Act in History
 God's Purpose in History
 Paul's Mission to Spread the Good News

SPANISH

Numbers 1-20
Colors
Days of the Week
Months
Simple greetings
Simple shapes
Food
Body parts
Classroom items
Animals
Family
Places
Simple verbs and nouns

Middle School Science Curriculum Guide Grades 6-8

6th Grade Earth Science

Y= Science Fair
Y= Scientific Method
Y=Characteristics of Science
F=Rocks
F= Paleontology/Fossils
F=Ecology
F=Plate Tectonics
F-Inside the Earth
F=Weathering, Erosion, Deposition
F=Soil
W=Hydrology
W=Meteorology
W=Astronomy
W=Earth Science and Human Impact

7th Grade Life Science

Y= Science Fair
Y= Scientific Method
Y=Characteristics of Science
F=Introduction to Biology
F=Ecology
F=Cycles in Nature
F=Relationships in Nature
W=Cells and Systems
W=Genetics
W=Creationism/Evolution*
W= Classification and Kingdoms

* Mrs. Mayo will teach Creationism and Evolution from a Biblical standpoint. She will point out how some of the ideas of evolution don't agree with the Bible and she also teaches how the fossil record is actually in support of the Bible. ex. According to Genesis, God created animals of the water first and then land animals and that is supported by the fossil record. Mrs. Mayo feels like the students need to know opposing theories in order to be strong Christians and to be able to support their faith. If they don't study opposing theories, they won't be able to support their own view of Christianity.

8th Grade Physical Science

Y= Science Fair

Y= Scientific Method

Y=Characteristics of Science

Y=Matter

Y=Energy

F=Elements, Compounds, Mixtures

F=Atoms, Molecules

F=Periodic Table

F=Simple Machines

F=Waves

W=Gravity

W=Force

W=Motion

W=Machines/Work

W=Electricity

W=Magnetism

6

Sixth Grade

LANGUAGE ARTS

Reading and Literature

Literacy elements

Setting, Characters, Conflict, Plot, Narrator, Point of View, Characterization,
Topic vs. Theme **F**

Mood, Tone, Style, Speaker, Devices, Imaginary, Figurative Language **W**

Cause & Effect, Inferences, Opinion vs. Fact, Genres of Literature **Y**

Individual Book Readings and Reporting - Oral and Written **Y**

Memorizations of Poems and Passages **Y**

Biographies **F**

Autobiographies **W**

Fiction - Tradition, Historical, Fantasy & Realistic **Y**

Poetry – Understanding, terms and devices **W**

Vocabulary

Vocabulary building - 300 or more basic words **Y**

Pronunciation and parts of speech **Y**

Synonyms and Antonyms **Y**

Analogies **Y**

Word Families **Y**

Writing

Writing Process, Sentence development, Paragraph development **F**

Short Stories **F**

Descriptive Essays **F**

Story Analysis **F**

Compare & Contrast Essays **W**

Poetry writing & response essays **W**

Personal narratives **W**

Persuasive essays **W**

Research Papers **F**

Proofreading Guidelines **F**

Grammar

Sentence Structure and types **F**

Parts of Speech and Usage **Y**

Mechanics of Writing Rules **Y**

Capitalization and Punctuation Rules **Y**

MATHEMATICS

Numeration

Basic operations whole numbers and integers

Estimations

Pattern relationships and functions

Computation and operations (+,-,x,--) on whole numbers, decimals and

Fractions

Variables, expressions, equations inequalities

Geometry

Measurement

Reasoning

Problem solving

Data analysis, statistics and probability

Health

Basics of the Human Body **F**

Dealing with Emotions **F**

Understanding Puberty & Adolescence **F**

Hygiene health & Fitness **F**

Nutrition **W**
Diseases **W**
Drugs, Alcohol and Tobacco **W**
Reproductive Health & Sex Education **W**

**SOCIAL
STUDIES**

World Studies
Map skills
Geography, Cultures, Government and economics of:
Latin America
Canada
Europe
Australia
Brief history of each region
Current events as it relates to each region
What each region is like today

MUSIC

Tuning
Chord symbol
Melody – reading and writing tablature
Unison playing
Play accompaniment to melodic line
Scale structure
Introduction to a wide variety of music styles

COMPUTER

Extend computer knowledge to include multi-media features of
Types of sound production and image incorporation
Reinforce a basic understanding of how computers work
through video series and exercises
Practice developing proper keyboarding skills through
keyboarding programs
Practice word processing skills and extend document
processing to include more complicated features including
Inserting various types of objects into a document
Practice spreadsheet skills through applying appropriate features to class activities
Demonstrate ability to use the computer as a tool for accomplish other school assignments
Learn how to create and use a database
Use research programs to accomplish research project assignments from other classes
Practice using the computer as a tool for accomplishing other school
assignments, practicing choosing the most efficient software tool for the job
Use the internet as a research tool
Focus on using proper layout and editing rules
Develop a basic knowledge of database software and its uses

BIBLE

Weekly Chapel Services
Bible classes 2x weekly
Memory Verse weekly
Hymns/choruses
Focus: **NEW TESTAMENT HISTORY**
Survey of four Gospel accounts
The miracles of Jesus
The death, burial and resurrection of Jesus
Paul's missionary journeys
Pauline epistles

Service Project
Supplemental readings

SPANISH

Numbers 1-20

Colors

Days of the Week

Months

Simple greetings

Simple shapes

Food

Body parts

Classroom items

Animals

Family

Places

Simple verbs and nouns

Time

Clothing

Emphasis on listening, oral repetition, pronunciation and writing

Conjugation of regular and irregular verbs

7

Seventh Grade

LANGUAGE ARTS

Reading and Literature

Literacy elements

Setting, Characters, Conflict, Stages of Plot, Narrator, Point of View,
Characterization, Topic vs. Theme **F**

Mood, Tone, Style, Speaker, Devices, Imaginary, Figurative Language **W**
Cause & Effect, Inferences, Opinion vs. Fact, Genres of Literature **Y**

Myths, Legends & Tales **W**

Cultural Values in Tales **W**

Author Studies **Y**

Individual Book Readings & Class sets and Reporting - Oral and Written **Y**

Memorizations of Poems and Passages **Y**

Biographies **F**

Autobiographies **W**

Fiction - Tradition, Historical, Fantasy & Realistic **Y**

Poetry – Understanding, terms and devices **W**

Vocabulary

Vocabulary building - 300 or more basic words **Y**

Pronunciation and parts of speech **Y**

Synonyms and Antonyms **Y**

Analogies **Y**

Word Families **Y**

Writing

Writing Process, Sentence development, Paragraph development **F**

Short Stories **F**

Descriptive Essays **F**

Story Analysis **F**

Compare & Contrast Essays **W**

Poetry writing & response essays **W**

Personal narratives **W**

Persuasive essays **W**

Research Papers **F**

Proofreading Guidelines **F**

Grammar

Sentence Structure and types **F**

Parts of Speech and Usage **Y**

Mechanics of Writing Rules **Y**

Capitalization and Punctuation Rules **Y**

Diagramming Sentences **Y**

MATHEMATICS

Numeration

Basic operations with rational numbers

Properties of numbers and operations

Estimations

Ratio and proportional reasoning

Pattern relationships and functions

Computation and operations (+, -, x, --) on whole numbers, decimals and
fractions

Variables, expressions, equations inequalities

Geometry, area perimeter, volume, surface area of basic shapes

Graphs/coordinate plane

Pythagorean Theorem

Measurement

Reasoning
Problem solving
Data analysis, statistics and probability

**SOCIAL
STUDIES**

World Studies

Map skills
Geography, Cultures, Government and economics of:
 Africa
 Southwest Asia
 Eastern Asia
 Southern Asia
Brief history of each region
Current events as it relates to each region
What each region is like today

MUSIC

Introduction to Guitar – instrumental music
Tuning
Chord symbol
Melody – reading and writing tablature
Unison playing
Play accompaniment to melodic line
Scale structure
Introduction to a wide variety of music styles

COMPUTER

Extend computer knowledge to include classification of types of hardware components and an understanding of the network features
Reinforce a basic understanding of how computers work through video series and exercises
Focus on developing proper keyboarding skills through **keyboarding programs**
Practice basic word processing features and extend document processing to include more complicated features including inserting various types of objects into a document
Use research programs to accomplish research project assignments from other classes
Practice using the computer as a tool for accomplishing other school assignments, practicing choosing the most efficient software tool for the job
Use the internet as a research tool
Focus on using proper layout and editing rules
Develop a basic knowledge of database software and its uses

BIBLE

Weekly Chapel Services
Memory Verse weekly
Bible class 2x weekly
Focus: **OLD AND NEW TESTAMENT OVERVIEW**
 Epistles of New Testament
 A Living and Active Faith
 Valuable Issues for Believers
 Revelation
 Supplemental Readings

SPANISH

Numbers 1-20
Colors

Days of the Week
Months
Simple greetings
Simple shapes
Food
Body parts
Classroom items
Animals
Family
Places
Simple verbs and nouns

8

Eighth Grade

LANGUAGE ARTS

Reading and Literature

Literacy elements

Setting, Characters, Conflict, Stages of Plot, Narrator, Point of View,
Characterization, Topic vs. Theme **F**

Mood, Tone, Style, Speaker, Devices, Imaginary, Figurative Language **W**
Cause & Effect, Inferences, Opinion vs. Fact, Genres of Literature **Y**

Author Studies **Y**

Individual Book Readings & Class sets and Reporting - Oral and Written **Y**

Memorizations of Poems and Passages **Y**

Vocabulary

Vocabulary building - 300 or more basic words **Y**

Pronunciation and parts of speech **Y**

Synonyms and Antonyms **Y**

Analogies **Y**

Word Families **Y**

*** **HONORS CLASS** – *Concentration on Latin and Greek roots and derivatives*

Writing

Writing Process, Sentence development, Paragraph development **F**

Short Stories **F**

Descriptive Essays **F**

Story Analysis **F**

Compare & Contrast Essays **W**

Poetry writing & response essays **W**

Personal narratives **W**

Persuasive essays **W**

Research Papers **F**

Proofreading Guidelines **F**

Main Idea and Supporting Details **W**

*** **HONORS CLASS** – *writing and publishing the school newspaper*

Grammar

Sentence Structure and types **F**

Parts of Speech and Usage **Y**

Mechanics of Writing Rules **Y**

Capitalization and Punctuation Rules **Y**

Clauses, Gerunds, Infinitives, Appositives, Verbal, Participles **W**

MATHEMATICS

Pre-Algebra

Arithmetic

Graphs on the coordinate plane

Number sets

Real numbers

Integers

Measurements

Ratio, proportions, percent and rate

Exponents and roots

Probability and statistics

Simplifying and solving equations

Linear Equations

Quadratic equations

Functions

Equations

Line, points, segments, planes and angles
Polygons, circles and triangles
Geometric solids
Perimeter, Area and volume
Pythagorean Theorem

**SOCIAL
STUDIES**

Georgia History

Geography of Georgia
Native American culture prior to European settlement
Age of Exploration
Colonial Georgia
Georgia history from the American Revolution to present day
Politics and economics in Georgia in the 20th Century
Government at the federal, state and local levels

MUSIC

Tuning
Chord symbol
Melody – reading and writing tablature
Unison playing
Play accompaniment to melodic line
Scale structure
Introduction to a wide variety of music styles

COMPUTER

Practice computer knowledge through proper use of vocabulary in class
Practice keyboarding skills through use of keyboarding program
Utilize the computer knowledge in developing a multi-media presentation
Extend computer knowledge to include classification of types of hardware components and an understanding of the network features
Reinforce a basic understanding of how computers work through video series and exercises
Focus on developing proper keyboarding skills through keyboarding programs
Practice basic word processing features and extend document processing to include more complicated features including inserting various types of objects into a document
Use research programs to accomplish research project assignments from other classes
Practice using the computer as a tool for accomplishing other school assignments, practicing choosing the most efficient software tool for the job
Use the internet as a research tool
Focus on using proper layout and editing rules
Develop a basic knowledge of database software and its uses

BIBLE

Weekly Chapel Services
Bible classes 3x weekly
Memory Verse weekly
Hymns/choruses
Focus: **OLD TESTAMENT HISTORY**
 Survey of Genesis and the Patriarchs
 Israel, birth of God's nation
Service Project
Supplemental Readings

SPANISH

Greetings
Introductions

Family Words
Interrogative words
Geometric shapes
Numbers
Adjectives
Animals
Sizes
Story plots
Body parts
Culture

ENGINEERING IS ELEMENTARY

(Grades 3-8)

Students over the six years from grade 3 – grade 8 will have exposure to each type of engineering several times during hand-on projects

Project Ideals

Industrial Engineering	<i>such as catapults(5) and simple machines</i>
Environmental Engineering	<i>such as water filters, cleaning up oil spills</i>
Package Engineering	<i>such as package designing (3)</i>
Transportation Engineering	<i>such as pasta cars, co2 cars, paddle boats (4)</i>
Aerospace Engineering	<i>such as rockets</i>
Acoustical Engineering	
Geotechnical Engineering	<i>such as designed sites of a village</i>
Electrical Engineering	<i>such as building circuits and building an alarm</i>
Bioengineering	
Chemical Engineering	
Materials Engineering	<i>such as making play-dough and mortar</i>
Mechanical Engineering	<i>such as building windmills</i>
Biomedical Engineering	
Agricultural Engineering	
Optical Engineering	<i>such as designing laser relays and lighting systems</i>
Civil Engineering	<i>such as bridge building</i>
Ocean Engineering	<i>such as designing a submersible</i>
Green Engineering	<i>such as building solar ovens</i>

FINE ARTS

3P THREE YEAR OLD PRESCHOOL

Our First Steps in Music curriculum is designed to prepare children to become musical in three ways:

- 1) Tuneful – to have tunes in their heads and learn to coordinate their voices to sing those tunes.
- 2) Beautiful – to feel the pulse of music and develop steady beat.
- 3) Artful – to be moved by music in the many ways music can elicit an emotional response.

First Steps in Music uses classical, traditional and folk literature to enable children to recall and learn songs and rhymes that have nurtured wonder and joy in young people for generations. The authentic affection, innocence, and wonder of these songs and rhymes have the potential to plant the seeds for lifelong sensitivity and imagination.

FOUR YEAR OLD PRE-K

Our First Steps in Music curriculum is designed to prepare children to become musical in three ways:

- 1) Tuneful – to have tunes in their heads and learn to coordinate their voices to sing those tunes.
- 2) Beautiful – to feel the pulse of music and develop steady beat.
- 3) Artful – to be moved by music in the many ways music can elicit an emotional response.

First Steps in Music uses classical, traditional and folk literature to enable children to recall and learn songs and rhymes that have nurtured wonder and joy in young people for generations. The authentic affection, innocence, and wonder of these songs and rhymes have the potential to plant the seeds for lifelong sensitivity and imagination.

The Classroom Music for Little Mozart's series (centered on the adventures of Beethoven Bear and Mozart Mouse) is also taught to our Four Year Old Preschool Students. This series is a comprehensive approach to music learning that includes singing, listening, structured and expressive movement, rhythm activities, playing classroom instruments, and visual representations of notation

KINDERGARTEN – 8th GRADE

SHARE THE MUSIC (McGraw-Hill) is a child-centered program that involves students of all learning styles. Sequenced and thematic activities develop the cognitive, affective, and psychomotor domains of learners. Developmentally appropriate multicultural materials and recordings are used to celebrate cultural diversity and similarities. Vocal skills are consistently built and diverse vocal techniques broaden students' experiences each year. Music literacy and understanding is built through singing, listening, moving, creating, music reading, critical thinking and meaningful assessment.

In addition to SHARE THE MUSIC curriculum, the music teacher utilizes ACTIVATE! and MUSIC K-8 resources and materials. Students in Kindergarten through 5th Grade perform at least three times each school year to further reinforce musical concepts and inspire creativity. The following musical instruments are used by grade level:

Kindergarten, 1 st & 2 nd Grade:	Melody bells, Boom whackers, Rhythm instruments
3 rd Grade:	Keyboards and Chimes
4 th Grade:	Keyboards and Soprano Recorders
5 th Grade:	Handbells

Middle School Physical Education

Grades 6 - 8

- **Presidential Fitness Program**
- Development of individual and team sports skills
- Activities that improve cardio-respiratory fitness and rhythm
- Skills for participating on a team sport
- Fundamentals of various team sports (such as, football, basketball, soccer, etc.)
- Sportsmanship