

Course Descriptions

2006/2007



Horizon Christian School

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TABLE OF CONTENTS

Kindergarten	page 3
1 st grade	page 4
2 nd grade	page 5
3 rd grade	page 6
4 th grade	page 7
5 th grade	page 8
6 th grade	page 9
7 th grade	page 10
8 th grade	page 11,12
High School courses	page 13-19
Social Studies	page 13
Bible	page 14
Language Arts	page 15
Physical Education	page 15
Mathematics	page 16
Science	page 17
Electives	page 18
Languages	page 18
Computer	page 18
Leadership/ Community Service	page 18
Other Electives	page 19
Fine Arts	page 19

KINDERGARTEN

Bible

Selected truths and stories are presented from both the Old and New Testament, from Creation on through the prophets and the birth, life, and resurrection of Jesus Christ. Bringing children to the saving grace of Jesus Christ and living their lives for him and others, are major themes presented as students memorize scripture and learn about the one true God of the universe.

Phonics

A Beka Phonics begins with the vowels, introducing the short sounds first. Phonics continues by teaching blends (for example, “ba”), beginning with “Bb” and progressing through “Zz”. Silent “e” and double vowels making the long sounds are also introduced, along with special sounds, (for example, “th” and “sh”). Comprehension and demonstration are achieved by marking the vowels and special sounds on daily assignment papers as well as hands-on activities.

Numbers

Basic mastery of the *A Beka* concepts are taught, practiced, and encouraged throughout the year by: hands-on, board, group, and teamwork, involving number recognition of 1-100 by 1’s, 2’s, 5’s, and 10’s. Time, money, shapes, and patterning are also thoroughly explored using various manipulatives.

Reading

Students are divided into reading groups by ability, and work through the *A Beka* Readers in a “reading circle.” Students are taught to follow along on the page with their finger. At different times, students will be asked to read a whole page by themselves, or each student will take turns line by line. Each book is taken home upon completion.

Art

Students are taught the fundamentals of art (line, shape, color, texture, and pattern) using a variety of media.

Social Studies

Students are introduced to world geography and children who live in other countries. The goal is to encourage students to want to learn more about other people and places. The curriculum also teaches that God loves not just them, but children all over the world. Students are also exposed to the history and geography of America in order to lay the foundation for further study. The curriculum uses workbooks with colorful pictures and age appropriate stories. Murals, projects and activities are explored with each lesson.

Science

The *A Beka* “God’s World” science program is a basic introduction to the plan God has had for the world since he brought it into being. Colorful workbooks, projects, and field trips explore the five senses, the weather, the four seasons, and God’s plan for plant growth, seeds, animals, insects, and the seashore.

Handwriting

Proper formation of manuscript writing as well as whole word writing are introduced, followed by punctuation and sentences with comprehension. Colorful and interesting text is used to engage the students’ imagination as well as teach the mechanics of handwriting.

Music

A general program exposes children to a variety of musical styles through listening, singing, movement, rhythm instruments and games. Students participate in two musical performances a year and occasional “mini” performances for parents. The major units taught are: following instructions, singing, movement, worship & prayer/praise, cooperation, rhythm recognition, note values and performance.

FIRST GRADE

Bible

Familiar Bible stories are expanded into a theme of “God’s Gifts to Me” as children study how God gives the gifts of the world, families, friends, leaders, salvation, the church, and a way to live. Students learn to pray for each other through a prayer request format.

Reading

The foundation of reading is established by teaching skills and strategies that lead to early independence in decoding and comprehension. The primary objective is to equip students to read (especially the Bible) for themselves, to have a love for reading, and to be literate. Phonics instruction is emphasized as well as kinesthetic approaches to learning letter sounds and blends. Students are exposed to a variety of literature (fiction, non-fiction, poetry, etc.) and participate in small “guided reading” groups. The curriculum also includes a read-at-home program.

Spelling

Through daily lessons, challenge words, and other word forms, spelling focuses on high-frequency words that are used in daily writing. Sight word memorization is also included for reading fluency.

Math

Instruction focuses on mathematical concepts, skills and facts, and review and expansion of these skills throughout the school year using hands-on activities, manipulatives, and math games.

Handwriting

Letter formation (alignment, size, shape, and spacing) and the correct handling of pencils and scissors are taught.

Heritage Studies

Students study the history of North America before and up through the arrival of Christopher Columbus. The curriculum includes instruction on Native Americans, pilgrims, and communities through a variety of hands-on projects and activities.

Science

Students explore God’s creation by observation, discovery and hands-on activities. The major units covered are health, the five senses, the ocean, plants, spiders, penguins, and apples. Units are integrated into other content areas, such as writing and math.

Music

A general program exposes children to a variety of musical styles through listening, singing, movement, rhythm instruments, and games. Students participate in two musical performances a year and occasional “mini” performances for parents. The major units taught are: following instructions, singing, movement, worship & prayer/praise, cooperation, rhythm recognition, note values and performance.

Art

Students are introduced to the fundamental elements of art (line, shape, color, texture, and pattern) and will create their own pieces using a variety of media (paint, clay, chalk, and pencil). They will learn to share their works and appreciate other’s works.

Writing

Students gain skills in writing for a variety of purposes (journaling, writing fiction, expository writing, and sequential writing). Students also participate in a “writer’s workshop” where they write numerous stories and are exposed to the writing process.

SECOND GRADE

Spelling

Spelling focuses on mastery of many high-frequency words in the context of grouping according to phonetic patterns. Spelling is taught using weekly spelling lists with challenge words, a variety of writing activities, games, homework, and centers geared at mastering the words and applying spelling skills in practical ways (writing).

Language

Students develop knowledge of correct sentence structure, basic grammar skills, phonics skills, word rules (suffixes, homonyms, etc.), and beginning dictionary skills. Creative writing and writers' workshop are a regular part of practicing the concepts learned. Language is taught using a combination of short lecture, demonstration, and individual and group practice.

Reading

Students develop skills and strategies that emphasize strong phonetics, fluency, accuracy, and comprehension. Students meet in small groups regularly within their reading level to practice these skills and are regularly assessed for individual progress.

Math

Math focuses on the mastery of basic computations to 20, regrouping, numeration to 10,000, addition and subtraction facts through 10 and beginning multiplication. Skills are taught using a combination of short lecture, demonstration, individual and group practice, and a variety of supplementary materials. The introduction of new concepts is regularly combined with continual review of previously learned concepts.

Social Studies

Students study American history between the time of early colonization through the Revolutionary War, with an emphasis on the cultures, traditions, and global influences that played a part in America's development. Course is taught using short lecture, discussion, reading, and activities (including theme folders) related to the subject matter.

Bible

Students study the character traits demonstrated by individuals in the Bible whose lives are studied in two to three week increments. Traits are studied using the scriptures and doing various activities so that these traits will be emulated in the students' daily lives. Students will memorize weekly scriptures related to the character trait being studied. Daily prayer is emphasized at the group and individual level, focusing on worship and requests.

Handwriting

Students continue to develop correct *Zaner-Bloss* printing. *D'Nealian* cursive is introduced in the third quarter, practiced intensely, and reviewed throughout the remainder of the year. Handwriting is taught using demonstration, individual practice, individual assessment of correct and incorrect letter formation, and practical usage as handwriting is applied to most subject areas.

Music

A general program exposes children to a variety of musical styles through listening, singing, movement, rhythm instruments, exercises, and games. This course also introduces beginning recognition of band instruments. Students participate in two musical performances and occasional "mini" performances for parents. The major units taught are: following instructions, singing, movement, worship & prayer/praise, cooperation, rhythm recognition and creation.

Science

Science is taught through observation and interaction with God's creation using various materials and a guess-test-conclude model of learning.

Art

Students are introduced to the fundamental elements of art (line, shape, color, texture, and pattern) and they will create their own pieces using a variety of media (paint, clay, chalk, and pencil). They will learn to share their works and appreciate other's works.

THIRD GRADE

Bible

The life of Jesus is studied through focus on his teachings, the beginning of the church, and Paul's ministry, with an emphasis on building a relationship with Jesus and learning to pray.

Handwriting

The cursive writing program is designed to teach students to write legibly, focusing on correct alignment, slant, size, shape, and spacing. Regular daily practice is done to bring about effective results using weekly scriptures as content.

Heritage Studies

Students study American history from the formation of the new nation and its form of government through the settling of the land, the movement across the continent, and the Civil War. Course includes a study of folk and tall tales as well as the importance of music during this period of history.

Language

Students study nouns, verbs, adjectives, punctuation, capitalization, and word usage. Students apply these skills in many creative writing projects.

Reading

Third grade Reading emphasizes material that expresses Biblical truths, and expands reading skills already learned with an increased emphasis on comprehension and enjoyment of reading.

Art

Students are introduced to the fundamental elements of art (line, shape, color, texture, and pattern) and they will create their own pieces using a variety of media (paint, clay, chalk, and pencil). They will learn to share their works and appreciate other's works.

Science

Students gain knowledge of God's creation using information, observation, classification, and experimentation. Study areas include sound, animal groupings, body cells/ tissues/ organs/ skin, plants, birds, minerals/rocks/ soil, and the solar system.

Spelling

Students learn proper spelling of commonly-used words using phonics rules, writing activities, dictation, and games.

Math

Third grade Math teaches multiplication and division facts to 12, multiplication and division problems up to 4 digits, story problems, converting measurements, and solving measurement equations and fractions using hands-on activities, songs, chants, and games.

Music

A general program exposes children to a variety of musical styles through listening, singing, movement, rhythm instruments, bells, games, and performances. Students are taught to read music, use musical terms, and play rhythm instruments (bells). Students participate in two musical performances and occasional "mini" performances for parents. The major units taught are: following instructions, singing, movement, worship & prayer/praise, cooperation, rhythm recognition and creation, note values & recognition, reading music, playing bells, and performance.

FOURTH GRADE

Handwriting

Handwriting focuses on legible cursive writing including correct alignment, slant, size, shape, and spacing using a different scripture verse each week as content. Weekly course work is completed with a formal page of the entire verse written in the student's best cursive writing including a colored illustration, first and last name, date, and verse reference.

Math

A variety of new and review material is taught including recognizing place value to millions; multiplication and division facts to 12; converting measurements; fraction terminology and relationship to decimals; finding factors and multiples; calculating money and temperature; using graphs and shapes; and application of mathematical concepts to the world around them.

Spelling

The correct spelling and use of many words is taught through speech and writing. Students learn to apply phonics rules, increase their vocabulary, write sentences from dictation, identify misspelled words, and pronounce new words. Course emphasizes reading and listening to classic poetry.

Bible

Bible instruction begins with developing tools for Bible study, followed by the study of traditional doctrinal subjects prepared for grade level, and the application of those doctrines to students' personal lives.

Language

Course focuses on mastery of subjects and predicates, recognizing and using all eight parts of speech, and expanding diagramming skills, with a continued emphasis on capitalization, punctuation, plurals, and word usage. Students use the writing process to complete an encyclopedia report, multiple book reports, and other creative writing assignments.

Reading

Students apply varied reading exercises including practice in oral reading in groups, silent reading, and choral reading. Comprehension is reviewed regularly through questions answered following silent timed reading and listening to oral reading. Students write reports based on books of their interest.

Social Studies

An overview of American history is given, from the time of the early explorers to the present, and includes geography and map study skills. Periodic open book tests help evaluate each student's listening skills and ability to find information in the text. Activity pages are done together in groups.

Science

Students learn science based on God's word and His creation using hands-on experiments and field trips. Periodic open book tests are used to evaluate listening skills and the ability to find information in the text. Activity pages are done together in groups.

Music

Class focuses on musical and performance skills. Students are taught to read music, use musical terms, play recorders and express themselves on stage, musically and dramatically. Students have lead roles in two musical performances a year and occasional "mini" performances are given for parents and the community. The major units taught are: following instructions, singing, movement, worship & prayer/praise, cooperation, rhythm recognition and creation, note values & recognition, musical terms, reading music, playing the recorder, musical theater and performance.

Art

The students will continue developing their skills as designers and their knowledge of varying mediums, and will keep journals to record their growth and thoughts. Students participate in one "public" show and several competitions where their work is judged and displayed.

FIFTH GRADE

Reading

Students read grade-level anthologies and timed reading selections to further develop rate, accuracy, and comprehension skills. Independent book selections are required for monthly book reports to introduce genre and creative presentation opportunities.

Science

Course develops from a scientific study of God's world focusing on the ocean, fossils, atmosphere, sun, atoms, flight, the nervous system, plants, and animal reproduction. Through the use of guided experimentation, students develop an understanding of the scientific method of research. Field trips to relevant locations reinforce concepts.

Language

Utilizing an interactive grammar program, students develop a solid understanding of the English language usage, including identification of parts of speech, paragraph formation, supported compositions, and various writing styles. Students will become familiar with narrative, expository, and persuasive writing modes.

Vocabulary

Course will enhance student vocabulary through the introduction of new words and definitions. Daily exercises build familiarity and knowledge of synonyms and antonyms, as well as spelling accuracy. Examinations require an understanding of definitions and content.

Handwriting

Handwriting includes daily exercises requiring practice of proper formation of cursive letters. These skills attend to the disciplines of proper positioning, size, shape and spacing of handwriting form.

Math

Presentation and practice of mathematical concepts develop mastery of manipulation of whole number functions, decimals, fractions, graphs, basic geometry, and algebra. Course uses *A Beka* math curriculum as well as weekly tests and interactive classroom activities.

Bible

Students study God's word to know the truth, hope, healing, and the salvation Jesus Christ offers all people. Development of inductive Bible study methods encourages students to understand for themselves what God's word says.

Social Studies

Students study American history from 1900 to 1960 focusing on the industrial advances that introduced the automobile and airplane, World War I, the Depression, and events leading to World War II. Also included is research of United States geography, cartography, and cultural, political, and natural boundaries found throughout the world.

Music (Jubilee Choir) (required for all 5th and 6th grade students)

Jubilee Choir offers students the experience of singing in a choir. Students learn music notation, different styles of music worldwide, music history, form and content, music theory and terminology, and music fundamentals and principles. Worksheets are given and may be taken home as homework. Periodic theory tests will be given as well. Concerts provide students with opportunities to demonstrate learned skills and artistic development.

Beginning Band (offered to all 5th grade students)

The class provides students with the opportunity to experience being part of a full band. Daily rehearsals and sectionals contribute to technical and artistic development, while consistently working through the band methods textbook. School concerts provide the students with opportunities to perform. Daily practice at home is required.

Art

Students continue to develop their skills as designers and their knowledge of varying mediums, keeping journals to record their growth and thoughts. Students participate in one "public" show and several competitions where their work is judged and displayed.

SIXTH GRADE

Bible

Course emphasizes the knowledge and understanding of the truth of God's Word. Course uses the *Field Guide to God's Promises*, and the Bible to discover His promises and to learn about historical and present-day examples of the fulfillment of those promises. Each student is equipped with the tools needed to develop Godly character and make a difference in their everyday choices. Students are encouraged to see themselves and others the way God sees them, with the goal of increasing self-confidence and improving interaction with others.

Language Arts

Course is a combination of reading, writing, and language study. Students are encouraged to read a variety of genres. Class book sets are used to teach students reading strategies, increase comprehension, and to learn about life from a Biblical perspective. Students write detailed explanations and complete book projects to show their understanding. Students use informational texts (encyclopedias, web pages, etc.) for research on various topics.

Math

Starting with basic addition, subtraction, multiplication, and division of multiple digits, students build understanding of the logical processes one step at a time. Students learn to solve problems using strategies, factoring, fractions, decimals, percents, ratios and proportions, graphs, geometry, and algebra, and learn to convert measurements, both Standard and Metric.

Science

Course teaches students through observation, prediction, experimentation, and drawing conclusions. Different areas of science are explored including earthquakes and volcanoes, respiratory and circulatory systems, laws of motion, chemistry, stars and space exploration, and animal behavior. Students will discover a problem, make a hypothesis, gather materials, and create a procedure to conduct an experiment, and then draw conclusions from the data collected during their experiment. Students then design a display board to communicate their project and enter it in the Horizon Science Fair. Throughout the course, the emphasis is on God as creator and sustainer of all things.

Social Studies

Course includes the study of cultures & geography, government, economics, and history. Students study the early inhabitants of the Columbia River Gorge, basic map skills, and the rights of United States citizens, providing a foundation for further study of the ancient civilizations of Mesopotamia, Egypt, Israel, India, China, Greece, Rome, and the Mayas. Throughout the year students read newspapers and grade-appropriate magazines, writing summaries and opinions about the articles read.

Art

Students continue to develop their skills as designers and their knowledge of varying mediums, keeping journals to record their growth and thoughts. Students participate in one "public" show and several competitions where their work is judged and displayed.

Music (Jubilee Choir) (required for all 5th and 6th grade students)

Jubilee Choir offers students the experience of singing in a choir. Rehearsals expose students to basic music notation, music history, form, and content. Concerts provide students with opportunities to demonstrate learned skills and artistic development.

Intermediate Band (offered to all 6th grade students)

Students further their understanding and experience of instrumental music within a concert band setting. School concerts provide students with opportunities to perform. Daily practice at home is required. Prerequisite: Beginning band.

SEVENTH GRADE

Bible

In order to be Christian leaders in the future, students are taught to be Christians in thought, word and deed. Students are taught the Bible as God's inspired word, true history, and beautiful literature. The Bible always has a call to action so the course focuses on current personal and cultural relevance through reading, studying, and memorizing. Students are given a personal understanding of basic principles in living out the Christian life.

Life Science

Beginning with an introduction to the foundations of science, including the scientific method, students embark on a study of living things, cell structure, cell reproduction and genetics, and plant anatomy. The second semester is spent studying the animal kingdom with a focus on the vertebrates. Laboratory work includes studies with the microscope, the cell and cell processes, and worm and frog dissections. Intelligent design and random evolution are discussed along with the structure and function of the human body.

Math

Course helps students gain a mastery of the disciplines of basic math and introduces them to several disciplines of advanced math. The major units of study are: whole numbers, fractions, decimals, ratios and proportions, percents, measurements, finances, graphs and statistics, math in daily life, introduction to algebra, mathematical geography, plane geometry, solid geometry, the Pythagorean Rule, and trigonometry. ***Based on teacher recommendation, 7th grade students may choose to take Pre-Algebra as Math coursework in place of 7th grade math class.*** See course description for Pre-Algebra in the grades 9-12 section.

Language Arts

Course focuses on cementing mechanics in the areas of reading and writing using a variety of activities that accommodate all learning styles. Students explore vocabulary, grammar, and mechanics through the reading and study of several works of classical literature.

World Studies

An overview of world history, cultural studies, and geography is given, investigating both western and eastern traditions from the late middle ages to the present. Students gain an appreciation for the major civilizations and cultures that have risen and fallen in the second millennia.

Music (Voices of Galilee) (offered to all 7th-12th grade students)

The Voices of Galilee Choir is dedicated to proclaiming the Good News of Jesus Christ through songs containing sacred text. All styles and periods of music are included in the selection to be performed. Voices of Galilee students are ambassadors of the school to area churches and the community at large. Extracurricular and Sunday performances are required on occasion each year. Students learn theory and music fundamentals and principles during class. Worksheets are given and may be taken home as homework. Periodic theory tests are also required.

Concert Band (offered to all 7th-12th grade students)

Prerequisite: two years band experience or audition and acceptance at the music director's discretion)

Artistically challenging and technically difficult musical selections provide students with the opportunity to further advance in their musical abilities. Concerts, mass bands and musical reviews offer students the opportunity to experience the joys and challenges of becoming more accomplished musicians.

Keyboarding and Word Processing

Major units of study include the use of the keyboard and mouse, utilizing the task bar and screen parts, learning word processing and computer graphics, and working on speed and accuracy to 35 wpm.

Art

Grade Level: 7, 8 combined with high school

Course is tailored to the goals of the students. Foundational elements (line, shape, color, balance) are reviewed and mastery of accurate rendering is pursued. Students participate in one "public" show and several competitions where their work is judged and displayed.

EIGHTH GRADE

Earth Science

Students will explore and experience a variety of areas within the discipline of Earth science. From a celestial body and its impact in the universe to the specific design of its environment of the atmosphere, lithosphere, and hydrosphere, emphasis will focus on reading, making observations, discussion, and application. Theories of intelligent design and evolution are discussed throughout the course. Field trips may accompany our understanding in making observations and measurements as young scientists.

Math

Lessons begin with practice of basic number facts and mental math. The accompanying problem-solving activities give students practice using strategies that will help solve more complicated problems. Practice problems that focus on the topic of the lesson are included at the close of each lesson. ***Based on teacher recommendation, 8th grade students may choose to take Pre-Algebra or Algebra I as Math coursework in place of 8th grade math class.*** See course description for Pre-Algebra and Algebra I in the grades 9-12 section.

Bible

In order to learn how to win spiritual battles, the students will engage in the studies of: God's army, the enemy, the enemy's territory, basic training, defensive and offensive weapons, how-to-apply these strategies, enemy propaganda, setting the captives free, delivering the demonized, and preparing for the final conflict. Memory work, note taking, class discussions, tests, and current events will be used to measure level of comprehension

United States History

Students will study the history of the United States from a Christian perspective and relate the events of history to the major events of today through discussion and presentation of current events. Major units of study are: Age of Exploration, Colonial America, The War for Independence, the 19th Century, the 20th Century, and the 21st Century.

Language Arts

Students will explore vocabulary, grammar, and writing largely through classical literature. Students will be given many opportunities to express their own thoughts and ideas in writing, putting into practice grammar skills and vocabulary usage.

Speech & Logic

This course seeks to improve student skills in thinking and speaking clearly, creatively, and confidently. Students will receive instruction and practice in creative and critical thinking including chess, codes and ciphers, scientific reasoning, brainstorming, problem solving, recognizing faulty reasoning, etc. Students will develop and deliver a number of speeches over the course of the year in informative, persuasive, humorous and debate settings utilizing outline, full-text, memorized, and off-the-cuff presentations. As a course requirement students will participate in the ACSI winter speech meet.

Keyboarding and Word Processing

Major units of study include the use of the keyboard and mouse, utilizing the task bar and screen parts, learning word processing and computer graphics, and working on speed and accuracy to 35 wpm.

Music (Voices of Galilee) Grade Level: 7, 8 combined with high school

The Voices of Galilee Choir is dedicated to proclaiming the Good News of Jesus Christ through songs containing sacred text. All styles and periods of music are included in the selection to be performed. Voices of Galilee students are ambassadors of the school to area churches and the community at large. Extracurricular and Sunday performances are required on occasion each year. Students learn theory and music fundamentals and principles during class. Worksheets are given and may be taken home as homework. Periodic theory tests are also required.

Concert Band Grade Level: 7, 8 Prerequisite: two years band experience or acceptance by the music director
Artistically challenging and technically difficult musical selections provide students with the opportunity to further advance in their musical abilities. Concerts, mass bands and musical reviews offer students the opportunity to experience the joys and challenges of becoming more accomplished musicians.

Art Grade Level: 7, 8 combined with high school
Course is tailored to the goals of the students. Foundational elements (line, shape, color, balance) are reviewed and mastery of accurate rendering is pursued. Students participate in one “public” show and several competitions where their work is judged and displayed.

HIGH SCHOOL COURSE DESCRIPTIONS

Social Studies

Geography Grade Level: 9 Credit: 1

Geography is the introductory course in the Social Studies curriculum. Both physical and human geography are emphasized. The history and challenges of cartography are addressed. Upon completion of this course, students will be able to describe and locate 166 nations, the states, provinces and territories of the United States, Canada, and Australia and major geographic features of the world. Students will also develop basic map navigational skills.

World History Grade Level: 10 Credit: 1

World History is the foundational course to the social studies curriculum. Focus is placed on the great civilizations from ancient, medieval and modern times, both western and eastern. Study skills and analytical abilities are emphasized. Students will learn to take notes, write short research papers, and summarize oral events.

United States History Grade Level: 11, 12 Credit: 1

Students will study the history of the United States from a Christian worldview. Major units of study are the Age of Exploration, Colonial America, War for Independence, the 19th century, the 20th century, and the 21st century. Each unit discusses what happened, why it happened (as best as can be discerned), other possibilities that history could have taken, and how it relates to major events of our day. Current events are also presented and discussed.

American Government Grade Level: 11, 12 Credit: ½

Government is an eighteen week journey of reliving our country's early struggle in forming a government; one that not only serves the people, but is of the people. From the Magna Carta and the Articles of Confederation, and through the debates of the Federalists and Anti-Federalists, and a check and balancing act of powers, emerges this Constitution; a document hallowed by Godly men which has endured this test of time, while yet governing the affairs of man. An in-depth, yet practical examination of the branches of power as they operate today, by utilizing current-event accounts and activities witnessed before us.

Economics Grade Level: 11, 12 Credit: ½

This study is an eighteen week presentation of our capitalistic economy that is regulated by its supply and demand. This overview will demonstrate its regulation both individually as well as nationally. What drives an economy in its success and failures from a world-wide scale? The impacts of recession or inflation, the influence of trade and taxation, are only brief topics and concerns examined in this course.

Bible

Bible Overview for all Classes Grade Level: 9 - 12

Students learn what salvation truly means, how to live a truly Christian life, and are challenged to know and walk with Christ in a deeper way presented through Scripture memorization, discussions, and various activities and projects. The main text is the Bible, with many other materials brought into the lessons and discussions.

Old Testament **9th gr.** Credit: 1

This course introduces the Old Testament. Material will be presented in lecture, participatory, print and video format with a constant focus on the Biblical text itself. Students will interact with the material through reading, writing, projects, class presentations, discussion, research, journaling, and artistic means. As a requirement of the course all students will complete a quarterly service learning project/presentation.

New Testament **10th gr.** Credit: 1

This course introduces the New Testament. Material will be presented in lecture, participatory, print and video format with a constant focus on the Biblical text itself. Students will interact with the material through reading, writing, projects, class presentations, discussion, research, journaling, and artistic means. As a requirement of the course all students will complete a quarterly service learning project/presentation.

Bible Application **11th gr.** Credit: 1

This course answers helps students learn to apply the Bible to their lives. This course covers the history and development of the Bible as well as how to study and interpret scriptures. This course also presents an overview of basic Christian doctrines and related textual support from the Bible. Students will be challenged to answer contemporary questions using the Bible. In addition, students will learn to personally develop, define, and defend Christian convictions. As a requirement of this course, all students will complete a service project each school year quarter along with a learning project/presentation.

Heartbeat **12th gr.** Credit: 1

This course delves deeply into God's purposes for every believer in the areas of worship, the joyful celebration of God's goodness, discipleship, the process of developing in conformity to God's will, and evangelism, the sharing with others our hope in Christ. The focus throughout the year is on student ownership of their faith; in charting a spiritual trajectory that will take students beyond their high school years with ongoing maturity and development that will bear lasting spiritual fruit (evidence) into adulthood. As a requirement of this course, all students will complete a service project each school year quarter along with a learning project/presentation.

Language Arts

Finding Your Voice: Sec. A Grade Level: 9 Credit: 1

Through a variety of activities, accommodating all learning styles, students will explore classical literature, vocabulary, grammar, and mechanics. Focus is placed on the student's emerging styles in writing and verbal expression. Major units of study are vocabulary, grammar, writing, and reading/literature.

Finding Your Voice: Sec. B Grade Level: 10 Credit: 1

Through a variety of activities, accommodating all learning styles, students will continue to explore classical literature, vocabulary, grammar, and mechanics. Focus remains on the student's emerging styles in writing and verbal expression. Major units of study are vocabulary, grammar, writing, and reading/literature.

AP Language & Composition 11-12 Grade Level: 11, 12 Credit: 1

This is a practical course to develop language skills necessary for successful college and vocational entrance. Students will prepare resumes and essays expressing their distinct personalities. Students will be exposed to a variety of literature to develop their own writing style.

AP English Literature & Composition Grade Level: 11/12 Prerequisite: Min "C" in Eng 10 Credit: 1

The purpose of this rigorous course is to develop close reading skills in students through the analysis of and response to a variety of classic pieces of literature. All students taking this course will be expected to sit for the College Board AP English Literature and Composition exam to receive AP credit on their transcripts. Receiving a score of (3) or better on this exam will give students the ability to seek college credit for this class.

Journalism Grade Level: 11, 12 Credit: ½

Course teaches development of a newspaper. Skills learned are applied in the production of the student newspaper *The Horizon Times*. Elements of news writing, editorial writing, editing, layout, and advertising are introduced and implemented. This course may be taken for either a semester or a year

Yearbook Grade Level: 11, 12 Credit: ½

Course involves production of the annual Horizon yearbook. Students learn to create a ladder, construct page layouts, and gain community involvement through ad sales. Elements of photography are included.

Physical Education

Physical Education Grade Level: 9-12 Credit: ½ *

Course introduces students to team sports, competition, and Christian sportsmanship. Students receive instruction in the rules, history, and strategies of various sports, such as: golf, football, table tennis, and cross-country. Emphasis is on developing skills and fundamentals, as well as integrating a personal plan for regular physical exercise. Students are encouraged to develop a positive attitude toward their individual fitness and God-given potential, and are provided with an opportunity to learn life-long skills, enabling them to participate in sports and build a foundation for a healthy self-image. "In whatever you do, do it heartily unto the Lord rather than unto men." Colossians 3:23

* **Varsity Sports participation** – a student who plays on a Horizon varsity sports team receives 1 credit for playing in three sports, and receives a ½ credit for playing in two sports. No credit is given for only playing one sport during a school year.

Mathematics

Pre-Algebra Grade Level: 7-12 Prerequisite: Minimum “C” in Math 7 or teacher recommendation Credit: 1
Pre-Algebra is a continued progression of basic math principles and logic, developing an appreciation in problem solving methods and applications using real numbers. Emphasis on applied mathematical principles and functions include: word problem set-up and solving, unit multipliers (conversions), fractional applications of addition, subtraction, multiplication and division, linear and coordinate graphing, understanding expressions of equality and inequality, geometry shapes and dimensions (area, volume, surface area), one-variable expressions, and applying prior concepts in crossing over to elevated algebraic expressions and real world problem solving.

Algebra I Grade Level: 8-12 Prerequisite: Pre-Algebra Credit: 1
Course stresses a logical axiomatic development and a high application of real world problems. Major units of study include expressions and equalities, operations and negative numbers, properties (postulates) of algebra, applied problems, polynomials and radicals, quadratic equations and applications, two variable expressions, exponential expressions, applying prior concepts, radical algebraic expressions, inequalities, functions, and advanced topics leading to advanced algebra. Course is college preparatory.

Algebra II Grade Level: 9-12 Prerequisite: Algebra I Credit: 1
Course begins with a general review of sets of numbers, polynomials, equations and inequality. The core of the course includes the use of linear inequalities and quadratic exponential logarithmic rational and irrational functions. The use of functions as mathematical models of the real world is emphasized.

Advanced Algebra and Trigonometry Grade Level: 10-12 Prerequisite: Algebra II Credit: 1
Course offers college and technical preparation using the classical logical approach. Major units of study are the review of algebra and geometry, function and relations, linear functions, linear equations and inequalities, quadratic functions and complex numbers, exponential and log functions, rational and irrational algebraic functions, quadratic relations and systems, higher degree functions and complex numbers, sequences and series, probability and random variables, circular function and right angle trigonometry.

Geometry Grade Level: 9-12 Prerequisite: Algebra I Credit: 1
Course includes college preparation, algebraic applications, and the deductive logical approach. Students will be introduced to an inductive approach. Major units of study include deductive reasoning, points, lines & planes, rays and angles, congruent triangles, inequalities, parallel lines, quadrilaterals, transformations, area, similarity, the right triangles, circles, the concurrence theorems, regular polygons and the circle, geometric solids, non-Euclidean geometry and coordinate geometry.

Pre-Calculus Grade Level: 10, 11, 12 Prerequisite: Algebra II Credit: 1
Pre-calculus is a third or fourth year high school course designed to prepare students for calculus. Specific topics include exponents, logarithms, trigonometry, graphs of sinusoids, matrices, higher-order, polynomials, rectangular and polar coordinator functions, complex numbers, and probability.

Calculus Grade Level: 11, 12 Prerequisite: Pre-Calculus Credit: 1
This class is an introduction to Differential and Integral Calculus designed to prepare students for college calculus. Specific topics include functions, parametric equations, limits, principles of differentiation and integration, applications of differential and integral calculus, and differential equations.

Science

Physical Science Grade Level: 9 Credit: 1

Course is designed to expose students to the fascination of their physical universe with an emphasis on problem solving and application. Topics range from creation and evolution to an appreciation of energy, with all its transitional forms. Matter in its elemental form to the variety of chemical relationships they share in relationship with each other, will introduce students to chemistry. Experimentation and creative project research will assist the exploration and understanding of each scientific thought and process.

Chemistry Grade Level: 11 Prerequisite: Min grade of “C” in Physical Science & Algebra I Credit: 1

Course teaches foundational principles of chemistry in preparation for deeper studies with an emphasis on problem-solving in relationship to the basic concepts of chemistry. Laboratories and activities are done on a regular basis to solidify chemistry basics, providing valuable research skills transferable to all sciences.

Biology I Grade Level: 10 Credit: 1

An opportunity for students to evaluate science from a Christian perspective. In contrast to modern Taxonomy, the Biblical Classification of Life presents a focus on God’s creation and not evolution theory alone. From unicellular to multicellular, creative design is visible in all created life; both in its processes as well as in an organisms anatomy. Laboratory investigation using the scientific method will assist the student’s understanding of cell metabolism and variations between organisms, providing students with a hands-on exposure and instruction necessary for success.

Biology II Grade Level: 10, 11, 12 Prerequisite: Minimum “C” in Biology I Credit: 1

Course is the final chapter in life science: the study and appreciation of man’s anatomy and physiology. As an extension of Biology 1, study begins with an overview in comparison of anatomy and physiology among vertebrates. Exposure of a functional design is examined in vertebrate classes from Agnatha to Mammals in comparing anatomical and physiological similarities. In appreciation to the Scriptures of Psalms “...fearfully and wonderfully made”, this study of man and his 12 body systems helps one to appreciate his uniqueness and purpose in life. Opportunities in dissection and outside field trips help acquaint students to this fascinating field of human study and application.

Chemistry Grade Level: 11/12 Prerequisite: Basic Algebra skills Credit: 1

Course teaches foundational principles of chemistry in preparation for deeper studies with an emphasis on problem-solving in relationship to the basic concepts of chemistry. Laboratories and hands-on activities are done on a regular basis to solidify chemistry basics, providing valuable research skills transferable to all sciences.

Physics Grade Level: 11/12 Prerequisite: Basic Algebra skills Credit: 1

This course is designed to bring about a deeper appreciation of the world in which we live and the rules that govern it. The focus of this course is comprehension of the basic concepts. Minimal emphasis is placed on the mathematics that can be applied to these physical principles. Concepts are reinforced by labs and other hands-on activities using various aspects of the scientific method.

High School Electives

College & S.A.T. Preparation Grade Level: 11, 12 Credit: ½

A required elective provided for 11th and 12th grade students pursuing further education at the college level. Emphasis is focused on improving test taking techniques. Instruction is also directed towards preparing college admissions forms. Course prepares the college-bound student in resume writing, SAT preparation, searching for a college, financial aid options, and scholarship preparation and search. Upon completion of course, students will: have a résumé for scholarships and employers, be familiar with the type of SAT questions and how to approach them, be able to search for colleges and scholarships online, be able to fill out and answer college application questions, be familiar with the different types of financial aid offered, be able to fill out a FAFSA and have an awareness of financial aid assistance at the federal, state, and local levels and scholarships or grant/loan opportunities.

Consumer Math Grade Level: 11, 12 Credit: ½

Course gives students a fundamental analytical approach in preparation for successful financial management in the disciplines of this world. This course introduces the foundational principles necessary for both individual and corporate success as financial stewards. Topics include simple banking practices, budgets, loan applications, small business tax preparation and record keeping practices, investments, inventory, and income. Assignments include projects completed outside of the classroom.

Languages

Spanish I Grade Level: 9, 10, 11, 12 Credit: 1

Introductory course designed to give students basic language tools for communication in Spanish. Focus is on basic vocabulary, grammar, Hispanic culture and geography, with opportunity to develop skills in listening, reading, and speaking.

Spanish II Grade Level: 9, 10, 11, 12 Prerequisite: Minimum “C” in Spanish I Credit: 1

Course reviews and builds upon listening, reading, writing, and speaking skills introduced in Spanish I. Students are taught to communicate in different tenses in a variety of “real-life” situations simulated in class. Students are encouraged to develop and use communication skills by participating in plays, presentations, projects, and service in the Hispanic community.

Computer

Keyboarding & Word Processing Grade Level: 7-12 Credit: 1

Major units of study include the use of the keyboard and mouse, utilizing the task bar and screen parts, learning word processing and computer graphics, and working on speed and accuracy to 35 wpm.

Leadership/Community Service

Leadership/Community Service I Grade Level: 7-12 Credit: ½

Course introduces students to the qualities of Godly leadership, develops public speaking skills, and offers opportunities for community service. Upon course completion, students will be able to demonstrate the qualities of a Godly leader through service and speak to a group through an informal presentation.

Leadership/Community Service II Grade Level: 7-12 Prerequisite: Minimum “C” in Leadership I Credit: ½

This course, offered in the Fall only, builds on skills from Leadership I to develop and implement a community service project as a team. Students meet once a week to develop team-building skills, journal experiences, and develop strategies for implementing a major service project addressing specific needs in our local community. Majority of work is done outside of class. Students accepted to Chamber Leaders are exempt from this class.

Other Electives

Boy's Toys Grade Level: 7-12 Credit: ½

An elective exploring some practical experiences and skills young men can share throughout adulthood. Some areas of benefit include: woodworking, welding, small engine repair, automotive maintenance and those father/son outdoor activities that include exposure to hunting, gun safety, trap shooting, and reloading as well as fishing, bait and fly-tying techniques. Strong emphasis is placed on proper handling and safety associated with these activities.

Wood II Grade Level: 7-12 Prerequisite: "Boy's Toys" or "Wood 1" Credit: ½

An extension to the introduction on woodworking as part of the Boy's Toys elective class. Students will be given an expanded range of woodworking projects to better refine woodworking principles and techniques. Student's will need to design, construct, and complete their project in a timely manner, which will be determined by the degree in difficulty of the project of design. Greater varieties of joint construction will be introduced; a greater exposure to metal work, and hardware, with some electrical wiring exposure for lighting.

Fine Arts

Music (Voices of Galilee) Grade Level: 7-12 Credit: ½

The Voices of Galilee Choir is dedicated to proclaiming the Good News of Jesus Christ through songs containing sacred text. All styles and periods of music are included in the selection to be performed. Voices of Galilee students are ambassadors of the school to area churches and the community at large. Extracurricular and Sunday performances are required on occasion each year. Students learn theory and music fundamentals and principles during class. Worksheets are given and may be taken home as homework. Periodic theory tests are also required.

Concert Band Grade Level: 9-12 Prerequisite: 2 years band or audition/acceptance from music director Credit: ½

Artistically challenging and technically difficult musical selections provide students with the opportunity to further advance in their musical abilities. Concerts, mass bands and musical reviews offer students the opportunity to experience the joys and challenges of becoming more accomplished musicians.

Art Grade Level: 9-12 Credit: ½

Course is tailored to the goals of the students. Foundational elements (line, shape, color, balance) are reviewed and mastery of accurate rendering is pursued. Students participate in one "public" show and several competitions where their work is judged and displayed.