



# **Lee's Summit Academy**

# **Course Descriptions**

**K-12**

# Lee's Summit Academy

## Middle and High School Course Descriptions

### MATHEMATICS

#### 6th Grade Math

6th Grade, Full year

Students will increase their math skills through technology-integrated interactive math lessons, hands-on math activities, in-depth reports through HMH, online games, videos, and assignments. Students will deepen their understanding of proportional relationships, addition / subtraction / multiplication / division of integers and rational numbers (decimals, fractions), equalities and inequalities, geometry (2-D figures, circumference, surface area, and volume), and foundational statistics (data analysis, graphing, and probability).

**Curriculum:** 06 Into Math National: Grade 6 (Houghton Mifflin Harcourt- Online)

#### 7th Grade Math

7th Grade, Full year

Students will increase their math skills through technology-integrated interactive math lessons, hand-on math activities, in-depth reports through HMH, online games and videos, and assignments. Students will deepen their understanding of integers and rational numbers, division of fractions, add/subtract/multiply/divide decimals, ratios, and percentages, foundational algebra, geometry (including area, surface area, and volume), and data collection.

**Curriculum:** 07 Into Math National: Grade 7 (Houghton Mifflin Harcourt- Online)

#### 8th Grade Math Pre- Algebra

8th Grade, Full year

Students will increase their math skills through technology-interactive math lessons, hands-on math activities, in-depth reports through HMH, online games and videos, and assignments. Students will deepen their understanding of geometry, graphing, linear equations, proportional relationships, functions, statistics and probability, Pythagorean Theorem, scientific notation, and volume.

**Curriculum:** 08 Into Math National: Grade 8 Pre-Algebra (Houghton Mifflin Harcourt- Online)

#### Modified High School Math

*Prerequisite: Educational Plan*

High school, Full year, 1 credit

This is a small group setting that will enable students to study math at their current academic level. Students are introduced to basic math skills needed in everyday life. Students are introduced to some Algebra ideas on a basic level. This course is designed to take math to the basic level.

**Curriculum:** Bob Jones University Fundamentals of Math

## **Algebra I**

*Prerequisite: Pre-Algebra*

9th Grade, Full Year, 1 credit

Algebra I is a course that is intended to build upon the foundation created with Pre-Algebra to allow for continued progress not only through the Math Continuum, but to impart critical life skills and techniques that will be utilized by everyone from Mathematicians to Musicians, Artists to Astronomers. Through this course, students will be exposed to and gain an understanding and familiarity with many equations and inequalities; adding, subtracting, multiplying and dividing rational numbers and integers. We will also explore together the exciting concepts of proportion and percentage, the study of polynomials, statistics, and the beginnings of geometry.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company Algebra I 2020

## **Algebra II**

*Prerequisite: Algebra I*

High school, Full year, 1 credit

Algebra II is a course that is intended to build upon the foundation created with Pre-Algebra and the structure added during Algebra I. Its purpose is to allow for continued progress not only through the Math Continuum, but to impart critical life skills and techniques that will be utilized by everyone from Mathematicians to Musicians, Artists to Astronomers. Through this course, students will be exposed to and gain an understanding and familiarity with many useful aspects of mathematics including: relations and systems, inequalities, linear and quadratic equations and their solutions, products and factors of polynomials, rational equations and functions, exponents and exponential functions; radicals, probability and data analysis. Many of these concepts are not only common in much of everyday life, but are foundational aspects of Trigonometry and Calculus.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company Algebra II 2020

## **Geometry**

*Prerequisite: Algebra I*

High School, Full year, 1 credit

Geometry involves the use of both inductive and deductive reasoning to grasp and understand the logic of abstract measurement. In Geometry the students will learn not only formulas used for measurement but will also understand the logic that supports the formula, otherwise known as the “proof.” This course will explore lines, circles, angles, planes, polygons, spheres and other three-dimensional figures and how they can be used to solve not only abstract but real-world problems. Basic concepts from Algebra I will be reviewed, enhanced and applied throughout the course to help increase understanding of basic Geometry concepts.

**Curriculum:** Houghton Mifflin Publishing Company Geometry 2020

## **Trigonometry**

*Prerequisite: Algebra II*

High School, Full year, everyday, 1 credit; Alternating days or 1 semester, ½ credit

Trigonometry is not only a preparatory course for college level mathematics, but it comprises the fascinating basis for many engineering disciplines. This course will enable students to understand and apply basic trigonometry principles as they pertain to other mathematical fields

and to situations the students will encounter and observe in their everyday lives. Concepts covered in this course will include: the six trigonometric functions; basic trigonometric identities; solving trigonometric equations and using various formulas and the law of sines and cosines.

**Curriculum:** Brooks/Cole Cengage Learning Trigonometry, 6th Edition 2008.

## **Business Math**

*Prerequisite: Algebra I*

11th-12th Grade, Full year, 1 credit

In this course the student will receive comprehensive coverage of personal and business-related mathematical concepts. Using a review of the basic foundations of arithmetic, the curriculum helps the student understand and manage personal finances such as calculating various wage structures, banking principles, credit card guidelines, types of loans, home and car ownership, insurance and investments, and an overview of maintaining a budget. Students become familiar with business subjects such as types of costs, sales and marketing, managing people and inventory, interpreting profit and loss, and international business. This course is designed to prepare students to be smart consumers, informed taxpayers, valued employees, potential business owners, and knowledgeable financial participants in the “real world”.

**Curriculum:** Business Math 17e, Mary Hansen, ISBN-10: 0-538-44873

## **Economics**

High School, 1 semester or alternating days, ½ credit

Economics is a social science concerned with production, distribution, and consumption of goods and services. It studies how individuals, businesses, governments, and nations make choices about how to allocate resources. Economics focuses on the actions of human beings, based on assumptions that humans act with rational behavior, seeking the most optimal level of benefit or utility. This course will introduce students to these concepts and explore how completing forces interact in economics through the choices made by individuals, businesses and government entities. The overarching goal of the course is to equip students to recognize for themselves the consequences of the choices they make and the choices that are made around them.

**Curriculum:** Basic Economics: A Common Sense Guide to the Economy by Thomas Sowell. Basic Book, NYC. 5th Edition 2015

## **Accounting**

*Prerequisite: Algebra I, Geometry*

Highschool, Full year, 1 credit

This course will serve as an introduction to basic accounting terms and practices, focusing on how firms handle and record their various forms of income and their expenses. While we will spend time on the different reports that firms typically prepare to monitor and report their financial information, the bulk of the course work will focus on more of the day to day aspects of how businesses record their financial activities and forecast to meet future needs. There will be some discussion of tax preparation and the tax implications that certain decisions have. In addition, we will discuss the ethics of accounting, differences between GAAP and IFRS, the target audience for reports, various forms of business organization, (ie: Sole Proprietorship,

LLC, S-corps, Corporations, etc.) and guidelines for proper separation and control of accounting responsibilities. Attention to detail, accuracy and good organizational skills will be emphasized throughout.

**Curriculum:** Dave Ramsey *The Total Money Makeover, A Proven Plan for Financial Fitness*, copyright 2013

### **Personal Finance**

High School, Semester, ½ credit

In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money.

**Curriculum:** Dave Ramsey, *Foundation in Personal Finance*, Lampo Press 2008

## **SOCIAL STUDIES**

### **World Cultures**

6th/7th grade, Full year

In World Cultures, students examine the relationships among people, places, and environments that result in patterns on the Earth's surface. Students use the tools and methods of geography to study the principal regions in the world – the Americas; Europe and Eurasia; North Africa and the Middle East; Sub-Saharan Africa; South, East, and Southeast Asia. Students describe the influence of geography on events of the past and present and analyze how location affects economic activities in different economic systems throughout the world. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company, *World Geography*; copyright 2018.

**NOTE:** 6/7 grade alternates years, Full year–Eastern Hemisphere, Full year–Western Hemisphere.

### **American History to 1876**

8th grade, Full year

This class offers students an introductory overview of the chief social, cultural, and political developments in North America between 1492-1876. In particular, this course focuses on: 1) the meeting of European, Amerindian, and African cultures during the Age of Exploration; 2) the establishment of the English colonial system in North America; 3) the development of the American Revolution and early Republic; and, 4) the expansion, fracturing, and reconstruction of the United States in the nineteenth century.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company, *United States History*, copyright 2018.

### **American History 1876 to the Present**

9th-10th grade, Full year, 1 credit

This course is an interpretative survey of social, economic, political, diplomatic, and cultural developments of the United States since 1876 with emphasis on impact of industrialism, urbanization, two world wars, depression, foreign and domestic issues, and post World War II.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company, American History 1877-Present,2018.

**NOTE:** Rotates with World History

### **World History Middle Ages to the Present**

9th-10th grade, Full year, 1 credit

World History is a survey course that explores the key events and global historical developments since 1350 AD. that have shaped the world we live in today. The scope of Modern World History provides the latitude to range widely across all aspects of human experience: economics, science, religion, philosophy, politics & law, military conflict, literature & the arts. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Students will refine their ability to read for comprehension and critical analysis, summarize, categorize, compare and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company, World History,2018.

**NOTE:** Rotates with American History 1876-Present

### **American Government**

11th-12th grade, Semester, ½ credit

This course is viewed as a source of civic literacy and will survey the principles, philosophies, practices and institutions that comprise the United States system of government and law. Students are expected to apply knowledge gained in previous social studies courses to pursue deeper understanding of American government. Contemporary issues will frame conversations about the Constitution, the courts, legislative and executive branches, federalism, and a review of major political philosophies around the world. Emphasis is also given to the dynamics of political decision-making and the degree to which citizens participate in the political process.

**Curriculum:** Houghton Mifflin Harcourt Publishing Company, United States Government 2018., Mark Twain Media, *Understanding the U.S Constitution*, 2018

## **SCIENCE**

### **Middle School Life Science/Science 6**

6th-7th Grade, Full year, 1 credit

Life Science provides a thorough overview of the life sciences. Students will explore the living world from Cellular Biology and Genetics, Characteristics and Classification of Life, Creationism and Evolution, Plants and Microscopic Life, to Ecology. Life Science isn't just about reading your textbook and learning terms, although that is important. Life Science is about "doing science." In this class students will complete activities that will help them learn concepts they are studying in

class, develop laboratory skills, learn to record and interpret experimental data, and build problem-solving skills. This course will use hand-on experimentation, activities, and direct instruction.

**Curriculum:** BJU Press Life Science 5th edition copyright 2019; BJU Press Science 6 2nd edition 2013.

**NOTE:** These are rotating classes

### **Middle School Earth Science**

8th Grade, Full year, 1 credit

Earth Science is the study of the world around you. Our topics will include Earth's Structure, Resources, and History, maps and mapping of the Earth, Astronomy (study of outer space), Geology (study of rocks, minerals, fossils and plate tectonics), and Meteorology (study of the atmosphere, climate and climate change). This course will use hands-on experimentation, activities, and direct instruction.

**Curriculum:** BJU Press Earth Science 5th edition, 2018.

### **Integrated Physics and Chemistry/ Physical Science**

9th-10th Grade, full year, 1 credit

This course covers introductory topics in chemistry and physics and prepares students for upper level courses in these areas. Students are taught to evaluate the findings of modern science, to interpret them through God's Word, and to think critically about modern scientific issues. Topics covered include scientific method, measurement, forces, motion, machines, heat, electricity, magnetism, nuclear reactions, kinetic theory, and atomic structure, classification of matter, chemical bonds and chemical reactions. Lab activities give students first hand knowledge of the laws and principles covered in this course.

**Curriculum:** BJU Press, Integrated Physics and Chemistry 6th edition, 2020.

### **High School Biology I**

9th-10th Grade, Full year, 1 credit

Biology I is a survey course covering basic Life Science. We will cover topics including: Living Creation, chemistry of life, ecology and the biosphere, the scientific method, basic organic chemistry, cells and cellular processes, genetics, creation/evolution, classification, prokaryotes and viruses, and protists and fungi. Students will apply their knowledge gained from classroom instruction to scientific investigations and experiments with an emphasis on live specimens. Students will develop skills to help them work like a biologist at their own level, build problem solving skills, obtain useful data from the tools given, and apply laboratory safety skills. This course will use hands-on experimentation, activities, and direct instruction.

**Curriculum:** BJU Press, Biology 5th Edition, 2017.

### **High School Biology II**

*Prerequisite: Completion of Biology I with a passing grade*

11th-12th Grade, Full year, 1 credit

Biology II is a continuation of Biology I. This class will build upon what students have learned in Biology I. Students are taught to evaluate the findings of modern science, to interpret them through God's Word, and to think critically about modern scientific issues. We will be covering topics such as: Plant classification and structure, plant processes, zoology- including

invertebrates, arthropods, ectothermic and endothermic vertebrates, and an intro into Human Anatomy and Physiology. Students will apply their knowledge gained from classroom instruction to scientific investigations and experiments with an emphasis on live specimens. Students will also have the opportunity to dissect preserved specimens of every type studied. Students will develop skills to help them work like a biologist at their own level, build problem solving skills, obtain useful data from the tools given, and apply laboratory safety skills. This course will use hands-on experimentation, activities, and direct instruction.

**Curriculum:** BJU Press, *Biology* 5th edition 2017.

## Chemistry

*Prerequisite: Physical Science and Biology and Algebra I*

11th-12th Grade, Full Year, 1 credit

This course requires a good grasp of Algebra. Students study measurement, significant figures, atomic structure, atomic theory, elements, compounds, mixtures, solutions, the periodic table, chemical bonding, chemical reactions, stoichiometry, molecular geometry, energy, heat, temperature, acid-base chemistry, and gas laws. Many labs give students an opportunity for hands-on experiences.

**Curriculum:** BJU Press, *Chemistry* 5th edition 2021.

## Space Science

Elective

10th-12th Grade, Full year, 1 credit

This course will be divided into four separate nine week segments. The first three segments will have a research project associated with them that each student will present to the class during the final segment week.

**Segment One:** Focus will be on the various aspects of a successful space launch: Propulsion, navigation, crew selection and training, communication, and module design and construction.

**Segment Two:** Focus will be on life on an orbital space station or on an extra-planetary facility: Environmental systems design and efficiency, gravitational effects, crew health and space medicine, food/water source, logistics and supply, emergency operations and mitigating the effects of the space environment.

**Segment Three:** Focus will be space exploration past and present, and student design of an orbital space station. Design will include all aspects of Segment Two and more.

**Segment Four:** Focus will be on exploration of colonization of Mars in which students will apply various aspects of prior learning regarding the science of space exploration and sustainability of life on another planet.

**Curriculum:** NASA, SpaceX.com, Virgin Galactic.com, Blue Origin.com



# ENGLISH

## **Middle School Literature and grammar**

6th-8th Grade, Full year

This course is an introduction to literary genres and techniques. Proficient reading skills are developed through comprehensive drills, writing skills, in-class reading exercises, and consistent reading assignments. Analytical thinking is cultivated in reading, writing, and speaking, while exploring the basic elements of literature (plot, setting, theme, characterization, and point of view, etc.) through a study of selected poetry, fiction, and nonfiction. Basics of grammar are introduced, reviewed, and mastered in each respective grade. The emphasis on writing includes close study of expository, key narrative, descriptive, and creative works. Students in the 8th grade will write an expository paper using MLA format. Cooperative learning experiences provide the opportunity for development of communication skills, problem solving, and interpersonal relationships.

**Curriculum:** HMH Ed Learning

## **Modified English**

*Prerequisite: Education Plan*

11th-12th Grade, Full year, 1 credit

Modified English is designed to equip our students with the literacy skills needed to participate in the full range of subjects at school. Students are engaged with learning experiences focusing on reading, comprehension, spelling, vocabulary, punctuation, and grammar. Students also study narratives through text, audiobooks, and film. Unit themes and topics mirror those of the mainstream English curriculum, but with modifications according to the varying abilities of the students.

**Curriculum:** Spectrum Language Arts Grade 8; McGraw-Hill Education Vocabulary 2nd Edition Grades 6-8; Evan-Moor Building Spelling Skills, Grade 6; Carson Dellosa Reading Comprehension Grades 7-8

## **English I**

*Required*

9th Grade, Full year, 1 credit

Grammar, literary analysis, and vocabulary enrichment are emphasized in this course. Participants can read and write about works of American Literature. Grammar and editing skills are reinforced in formal writings. Literary terms are broadened to include foreshadowing, symbolism, and climax. Students will write a persuasive argumentative paper using MLA format. Advanced elements of grammar are addressed.

**Curriculum:** HMH-Ed Learning

## **English II: Grammar and American Literature**

10th Grade, Full Year, 1 credit

Grammar, literary analysis, and vocabulary enrichment are emphasized in this course. Participants can read and write about works of American Literature. Grammar and editing skills are reinforced in formal writings. Literary terms are broadened to include foreshadowing, symbolism, and climax. Students will write a persuasive argumentative paper using MLA format. Advanced elements of grammar are addressed.

**Curriculum:** HMH-Ed Learning

## **English III: Grammar and American Literature**

11th Grade, Full year, 1 credit

This course emphasizes grammar with mastery of clauses, various phrases, gerunds, infinitives, mood of verb; academic writing and literary analysis. Students will read, write about and analyze various works of American literature with an eye on vocabulary enrichment. Literature includes texts from the following periods: Early American Literature, the Revolutionary Period, Literature of the American Renaissance, the Civil War and its aftermath, the Age of Realism, and Modern and Contemporary literature.

**Curriculum:** Language Network (copyright), McDougal Littell; HMH Ed Learning

## **Composition: 12th Grade**

*Prerequisite:*

12th Grade, Semester, ½ credit

The goal of senior composition is to provide students with the skills necessary to be effective in articulating poignant ideas through writing. Students will explore and apply rhetorical writing strategies of narration, description, exposition, and persuasion. In addition, students must also demonstrate a strong command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Students will write a variety of types of compositions with a focus on narratives, reflective compositions, academic essays, and responses to literature. Students will be expected to complete all phases of the writing process (prewriting, drafting, revising, editing, and publishing) in order to produce high quality, thought-provoking responses.

**Curriculum:** Various teacher made resources, MLA Owl Prudue English IV; English IV Bob Jones Publishing

## **World Literature: British Literature**

*Prerequisite:*

12th Grade, Semester, ½ credit

This course is designed to function as a college preparatory course and introduces significant works in British Literature, including the genres of poetry, prose and drama. This class provides a broad overview of literature from the Anglo-Saxon period to the modern era. Throughout this course, we will read texts closely and students will create a response to these close readings by writing several analytical papers with a variety of prompts.

**Curriculum:** Bob Jones Publishing *World Literature*

**NOTE:** English IV is the combination of Composition and World Literature

## **Creative Writing**

Elective

9th-12th Grade, Full year, alternating days, ½ credit or Semester, ½ credit

Students will learn the basics about a variety of fictional literature genres, ranging from fairytales and adventure to mystery and science fiction. Students will exercise their creativity by writing a short story for each genre studied. They are encouraged to use their creativity by writing a short story for each genre studied. They are encouraged to use their imagination and think “outside the box” to create their own unique stories. In addition, students will engage in writing a variety of poems.

**Curriculum:** Various handouts about writing rules, literature genres, and poetry

## **Great Novels**

Elective

10th-12th Grade, Full year, alternating days, ½ credit or Semester, ½ credit

This course will focus on world literature, specifically classic novels that enrich our lives. Students will examine fiction and non-fiction text that have become best sellers and some that have won prestigious literary awards. This course will provide highschool students the opportunity to read authors dealing with timeless issues. In addition to the reading of the literature, students will be given both creative and critical writing assignments. Students will have the opportunity to strengthen their reading skills and improve their vocabulary. Novels will be read together as a class, in small groups, and as individual books.

# **ART**

## **Kindergarten/1st Grade Art**

*Specials class, Full year*

Beginning elementary art is offered to give all students the opportunity for personal, artistic, and creative growth through the study of art. Students will learn to create and connect with art through the essential elements of art, including line, shape, and color. Learning experiences include design, drawing, painting, and 3-dimensional art.

## **2nd/3rd Grade Art**

*Specials class, Full year*

Secondary elementary art focuses on thinking creatively through exploratory investigation. Students will engage in the artistic process of planning and creating through grade appropriate projects. A variety of skills and techniques will be developed, including but not limited to the following: drawing, painting, mixed media, collage, and sculpture.

## **4th/5th Grade Art**

*Specials class, Full year*

In 4th and 5th grade art, students continue to build process, critical, and creative skills through a variety of projects. This will be achieved by learning more about the elements and principles of art, including color, shape, line, repetition, and pattern. Learning experiences include design, drawing, and painting.

## **Middle School Art**

*Specials Class, One Semester*

Artists in the junior high art program will expand and deepen their knowledge and understanding of art elements in relationship to art room projects. Art room activities will include both two-dimensional and three-dimensional formats. Artists will work with a range of media by engaging in artistic experiences including design, drawing, painting, and fiber art.

## **High School Art**

Elective

9th-12th Grade, Full year, alternating days, ½ credit

An entry level course designed for all students to help in their creative abilities through artistic expression. The students will concentrate on various elements of art while developing an appreciation for artworks and the masters who created them. Students are required to do drawing, painting, unique personal designs, and create experimental art. Students are exposed to several types of media such as paint, pencil, colored marker, and pastels and how they relate to the elements of art and principles of design.

# **MUSIC**

## **Kindergarten/1st Grade General Music**

*Specials, Full year*

General music includes all kindergarteners and first grade students. This course provides students with an introduction to music in the areas of rhythm, melody, harmony, form and expression. The areas will be explored through moving, speaking/singing, playing, listening, reading, notating and creating. Students will have the opportunity to perform alone and with others.

**Curriculum:** MusicPlay and instructor-selected materials

## **2nd/3rd Grade General Music**

*Specials, Full year*

General music includes all second and third grade students. This course provides new concepts of music to build on the foundation. New concepts of music are presented through singing, playing and listening. Opportunities for reinforcement, practice and review will be explored through beat and rhythm, ostinato, melody, harmony, instrumental technique, form, expression, creating, cultural and historical context. Performing alone and with others.

**Curriculum:** MusicPlay and instructor-selected materials

## **2<sup>nd</sup> Grade Instrumental music**

*Specials, Full year*

Instrumental music class for all 2<sup>nd</sup> grade students is on Orff instruments. This course provides students the opportunity to begin discovering music through playing an instrument alone and with others, technical skills on mallet and various percussion instruments, reading rhythms.

**Curriculum:** Mallet Madness and other instructor-selected literature.

### **3<sup>rd</sup> Grade Instrumental music**

*Specials, Full year*

Instrumental music class for all 3<sup>rd</sup> grade students is on recorders. This course provides students the opportunity to begin discovering music through playing an instrument alone and with others, technical skills, reading and notating music, and evaluating music and music performances. Required performances include but are not limited to Christmas Concert, and Spring Concert.

**Curriculum:** Recorder Karate and other instructor-selected literature.

### **Beginning Band**

*Required*

4<sup>th</sup>-5<sup>th</sup> Grade, Full Year

Beginning Band includes all 4<sup>th</sup> -5<sup>th</sup> grade students. Students will begin study of technical skills on instruments as well as introduction to music theory and history. Students will be reading and notating music and performing on instruments alone and with others. Students will study a varied repertoire of music. Required performances include but are not limited to Christmas Concert, and Spring Concert.

**Curriculum:** Essential Elements 2000, and other instructor-selected materials

### **Elementary Chorus**

*Required*

4<sup>th</sup>-5<sup>th</sup> Grade, Full Year

Elementary Chorus includes all 4<sup>th</sup>-5<sup>th</sup> grade students. This course provides students the opportunities to develop their musical potential and understanding through singing in a choral ensemble. Course study includes production of beautiful tone, aesthetic awareness, the ability to read music with increasing fluency, and the building of technical skills, team spirit, and responsible rehearsal habits. Students will also be encouraged to heighten listening skills and increase their ability to analyze and evaluate music and music performances. Attention will also be given to relating music experiences to the time and culture of the pieces they study, as well as to contemporary society. Proper singing techniques are practiced on a daily basis. Phonetics of various languages and a variety of musical styles are presented. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, and Spring Concert.

**Curriculum:** Variety of instructor-selected choral literature and resources used for theory, history, and listening.

### **Middle School Band**

*Required*

6<sup>th</sup>-8<sup>th</sup> Grade, Full Year, alternating days

Middle School Band includes all 6<sup>th</sup> -8<sup>th</sup> grade students. Study will be done to improve technical skills on instruments as well as increase knowledge of music theory and history. Students will be reading and notating music and performing on instruments alone and with others. Students will study a varied repertoire of music. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, and Spring Concert.

**Curriculum:** Essential Elements 2000, and a variety of instructor-selected materials

## **Middle School Chorus**

*Required*

6<sup>th</sup>-8<sup>th</sup> Grade, Full Year, alternating days

This course provides students the opportunities to develop their musical potential and understanding through singing in a choral ensemble. Course study includes production of beautiful tone, aesthetic awareness, the ability to read music with increasing fluency, and the building of technical skills, team spirit, and responsible rehearsal habits. Students will also be encouraged to heighten listening skills and increase their ability to analyze and evaluate music and music performances. Attention will also be given to relating music experiences to the time and culture of the pieces they study, as well as to contemporary society. Proper singing techniques are practiced on a daily basis. Phonetics of various languages and a variety of musical styles are presented. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, and Spring Concert.

**Curriculum:** Variety of instructor-selected choral literature and resources used for theory, history, and listening.

## **High School Band**

*Prerequisite: Instructor approval or completion of Middle School Band*

Elective

9<sup>th</sup>-12<sup>th</sup> Grade, Full Year, alternating days, ½ credit

High School Band includes 9<sup>th</sup>-12<sup>th</sup> grade students who have successfully completed the coursework for Middle School Band or some equivalent activity approved by the instructor. Further study will be done to improve technical skills as well as knowledge of music theory and history. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, and Spring Concert.

**Curriculum:** Variety of instructor-selected materials

## **High School Chorus**

*Required*

9<sup>th</sup>-12<sup>th</sup> Grade, Full Year, 1 credit

This course provides students the opportunities to develop their musical potential and understanding through singing in a choral ensemble. Course study includes production of beautiful tone, aesthetic awareness, the ability to read music with increasing fluency, and the building of technical skills, team spirit, and responsible rehearsal habits. Students will also be encouraged to heighten listening skills and increase their ability to analyze and evaluate music and music performances. Attention will also be given to relating music experiences to the time and culture of the pieces they study, as well as to contemporary society. Proper singing techniques are practiced on a daily basis. Phonetics of various languages and a variety of musical styles are presented. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, and Spring Concert.

**Curriculum:** Variety of instructor-selected choral literature and resources used for theory, history, and listening.

## **Music Theory I**

*Prerequisite: Instructor approval or completion of Middle School Band*

9<sup>th</sup>-10<sup>th</sup> Grade, Full Year 1 credit

This course provides students the opportunity to have a better understanding of the language of music. Students will study how music is constructed; how scales and chords are formed; the relationship between major and minor keys; and how music is composed through melody, harmony and chord progression.

**Curriculum:** Essentials of Music Theory

## **Music Theory II**

*Prerequisite: Instructor approval or successful completion of Music Theory I*

11<sup>th</sup>-12<sup>th</sup> Grade

This course is a continuation of Music Theory I and provides students the opportunity to continue the study of the language of music. Theory II students will review the foundational study of how music is constructed; how scales and chords are formed; the relationship between major and minor keys; and how music is composed through melody, harmony and chord progression. Theory II students will study theoretical elements found in music composition and improvisation of other genres ie. Jazz

**Curriculum:** Essentials of Music Theory and Essentials of Jazz Theory

## **Drumline/Percussion Ensemble**

*Prerequisite: Audition*

9<sup>th</sup>-12<sup>th</sup> Grade, Full Year 1 credit

This course provides study in rhythm, meter, style, technique, reading music, musicality, creativity. Students will perform alone and with others on various percussion instruments. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, and Spring Concert.

**Curriculum:** Variety of instructor-selected materials

## **Honors Choir**

*Prerequisite: Audition*

9<sup>th</sup>-12<sup>th</sup> Grade, Full Year, ½ credit

This course provides students additional opportunities to develop their musical potential and understanding through singing in an auditioned choral ensemble. Course study is similar to that of High School Chorus (see above) in an accelerated format. Additionally, emphasis is placed on individual and group timbre, harmonics, diction, communication, style, and vocal improvisation. Required performances include but are not limited to Pie Auction Concert, Christmas Concert, Spring Concert, and graduation.

**Curriculum:** Variety of instructor-selected materials

## **Theatre Arts**

*Elective*

9<sup>th</sup>-12<sup>th</sup> Grade,

Introduction to Theatre Arts is intended to teach about the stage and to allow students to express themselves in front of others with confidence. In addition to classroom exploration, we will use our school musical (during the fall or spring semester) ie. "Guys and Dolls" for the teaching vehicle and some possible One-Act performances during the opposite semester. Topics of study include: Evaluation, Scene Work, Acting, Characterization, Improvisation.

Additional topics (as time permits): Play production, Theatre History, Planning for the Future.

**Curriculum:** Title+Musical

## PHYSICAL EDUCATION / HEALTH

### Elementary PE

Kindergarten-5th grade

This course is designed to introduce students to team sports, competition, and Christian sportsmanship. We focus on students working together knowing how to take care of their bodies. Students learn the fundamentals of different sports and fitness activities.

**Curriculum:** SPARK Physical Education; KC Royals Fun at Bat Program

### Middle School PE

*Required*

6th-8th Grade, Full year, alternating days

This course is designed to introduce students to team sports, competition, and Christian sportsmanship. We focus on students working together knowing how to take care of their bodies. Students learn the fundamentals of different sports and fitness activities.

**Curriculum:** SPARK Physical Education; KC Royals Fun at Bat Program

### High School PE

9th-12th Grade, Full year, alternating days, ½ credit

This course is designed to introduce students to team sports, competition, and Christian sportsmanship. We focus on students working together knowing how to take care of their bodies. Students learn the fundamentals of different sports and fitness activities.

**Curriculum:** SPARK Physical Education; KC Royals Fun at Bat Program; CPR Certification

### High School Health

9th-12th Grade, Semester, ½ credit

The goal of High School Health is to help establish patterns of behavior that will assist a person in achieving complete health. This is done by following national health education standards along with achieving complete health. This is done by following national health education standards along with updated current facts and events going on around us. Complete health is accomplished by having a balance of physical, mental, social, spiritual, and emotional well being. This course is designed to offer students the opportunity to acquire knowledge, incorporate process and life skills, and develop positive attitudes about life. Building a solid foundation of good decision-making skills can contribute to a variety of healthy choices for themselves and others. We will be covering topics including, First Aid and Emergency procedures, consumer health, nutrition and physical activity, growth and development, accident and disease prevention, conflict resolution, and substance abuse.

**Curriculum:** *Real Food Nutrition & Health*–2012 Kristen Michaelis; *Consumer Health–A Guide to Intelligent Decisions* by Stephen Barrett; *First Aid Manual* by St. John Ambulance; *7 Habits of Highly Effective Teens*– 2014 by Franklin Covey Co; and a variety of instructor selected websites.



## ELECTIVES

### **Speech Communication**

9th-12th Grade, Semester, ½ credit

This course examines the communication process within the context of public speaking.

Students will learn the roles of verbal and nonverbal communications, contexts and forms of public speaking, analyze the role of the audience, and research techniques for speeches.

Students will evaluate the strengths and weaknesses of speeches. Students will be expected to present speeches on a regular basis.

**Curriculum:** Speech for Effective Communications, Holt, Rinehart and Winston, 1999.

### **Bible**

Middle School, Semester

This Course is an introduction to the Bible, God, and his word. This course will be broken down into three components. Section 1, students will study who God is. His incommunicable attributes, communicable attributes, and the names of God/Jesus throughout the Bible. Section 2, students will study the New Testament Gospels and letters to the Churches. Scripture memory will be required along with Biblical story powerpoints. Finally, Section 3, students will learn how to pray effectively.

**Curriculum:** Holy Bible

### **Bible**

9th-12th Grade, Full year, alternating days, ½ credit

Students will gain an understanding of God's word and how to apply it to their lives, by relating Bible concepts to worldview thinking.

**Curriculum:** Holy Bible

### **Psychology**

9th-12th Grade, Full year, alternating days, ½ credit or Semester, ½ credit

This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphasis will be placed on research methods, stages in childlike and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.

**Curriculum:** Bob Jones Publishing Psychology

**NOTE:** This is a college prep course and requires advanced reading and critical thinking skills.

### **Graphic Arts:**

9th-12th Grade, Full year, alternating days, ½ credit or Semester, ½ credit

Students will have an introduction to a variety of visual communication principles, methods and careers in today's computer age. Students will learn to communicate messages using images, colors and shapes. Learning how typography, design, layout, color, and production affect the way it is communicated. Students will also learn about digital citizenship and how to use technology appropriately and safely.

**Curriculum:** Graphic Design–Canva; commonsense.org

## **K-1 Computers**

The Kindergarten and first grade computers program is designed to help lay a foundation in technology knowledge. Students are introduced to the keyboard layout and how to navigate a computer using a mouse. Students will learn all about the alphabet and practice sight words, word families, and simple sentences. Students will also associate each letter on the keyboard with the correct finger while improving alphabet recognition, dexterity, and familiarity with technology. Students will also learn about digital citizenship and how to use technology appropriately and safely.

**Curriculum:** Jungle Junior Typing Club; ABCya.com; Commonsense.org

## **2-3 Computers**

The second and third grade computers program is designed to help learn the fundamentals of typing. Students will learn proper hand position for typing on a keyboard and know the basic layout of the keyboard. Students will also learn different ways they can use a computer to help them in different areas of interest. They will gain familiarity with technology and how to appropriately use it as a resource. Students will also learn about digital citizenship and how to use technology appropriately and safely.

**Curriculum:** Typingclub.com; Commonsense.org

## **Computer Application**

9th-12th Grade

Students will gain understanding in internet safety and digital citizenship, electronic organization, crafting documents, internet storage, creating charts, graphs, slides, animations, and the comprehensive aspects of computer tools and functions in relation to Microsoft Office and Google Apps. Topics will be practiced through collaborative projects and hands-on assessments designed to give students extensive knowledge of these programs with the intent of equipping the student for educational and career demands using the most current and applicable programs in the world today.

**Curriculum:** Code.org; Typingclub.com; Commonsense.org; Google Apps, Office 365

## **Keyboarding**

9th-12th Grade, ½ credit

Students will learn how to use proper typing techniques on a computer. Students will develop essential typing skills, focusing on touch typing and proper keyboarding position. By the end of this course, students will have developed the foundational skills necessary to navigate the keyboard with confidence and efficiency. Students will learn proper digital citizenship and how to use technology appropriately and effectively.

**Curriculum:** Typingclub.com; Commonsense.org

## **Drone Technology**

9th-12th Grade, ½ credit

This course focuses on three primary areas: theory and design, flight skills, and preparation for the FAA Remote Pilot Certification Exam. Not only are these focus areas relevant to drone

science, the knowledge and skills are also applicable to other CTE subject areas, specifically those related to programming and engineering and design. Along with theory and practical application, each course will feature a career exploration component through career interviews with drone professionals across various sectors of the industry.

**Curriculum:** iCEV - Career and Technical Education.

### **Individual Practicum**

9th-12th grade, Full year, 1 credit or Full year, alternating days, ½ credit

This program broadens the curriculum by offering students an opportunity to pursue an area of academic interest under the guidance of an advisor who has special skills in that field.

Independent Study projects may not replicate the existing curriculum. Specialized topics contained within existing courses may be pursued at the advanced level.

### **Act Preparatory**

11th-12th Grade, Full year, 1 credit or Full year, alternating days, ½ credit

This is a course for high school juniors and seniors designed to develop the skills necessary to improve ACT scores. This course emphasizes test-taking techniques in addition to providing the preparation in each portion of the test in English, mathematics, reading, and science.

## **Lee's Summit Academy Elementary Course Descriptions**

### **KINDERGARTEN**

#### **Kindergarten Phonics**

**Description:** The Kindergarten phonics program is designed to help lay the foundation that students will need for reading success. Students learn to identify the name and sounds of each letter through phonemic awareness activities. These sounds are practiced in words, word lists, word families and short sentences. Phonetically based concepts, word-recognition and language arts skills including Dolch sight words are implemented. Zaner-Bloser style of writing the lowercase and uppercase letters are introduced separately. Writing positions guide students in the correct positions for sitting, holding the pencil, and positioning the paper. Assessment is through observation, oral responses, skill checks, and completion of workbook pages.

**Curriculum:** Alpha Omega Publications, Inc. Horizons Phonics and Reading; Student books 1,2 and 3. Horizons Readers; *Ann's Cat, Mike's Bike and Clem's Snake*. Heggerty Phonemic Awareness, 2020

#### **Kindergarten Mathematics**

**Description:** A blend of learning styles is used to introduce mathematical concepts including; number logic, colors, shapes, time, measurement and comparisons. Students are taught skills to reason and apply to real life situations. Memorization is stressed in the learning of basic math facts. These concepts are developed in a progression that is designed to give the students a

solid foundation in the basic math skills. Assessment is through observation, demonstration of specific skills, skill checks and workbook pages.

**Curriculum:** Bob Jones University Press Mathematics; Student books 1 & 2

### **Kindergarten Heritage Studies**

**Description:** The kindergarten social studies curriculum is an exploration of God's world. Concepts start at knowing God created me, my family, how to communicate at school and knowing rules. The students will be introduced to holidays, country symbols as well as map and globe skills and concepts. Exploring our world is learned through activity based lessons that integrate hands on and print materials for the development of basic social studies concepts and skills. Assessment is demonstrated through observation and group participation in activities and stories.

**Curriculum:** Bob Jones University Press

### **Kindergarten Science**

**Description:** Kindergarten science is an introduction to foundational science facts and skills. Concepts are introduced through printed material, videos and a presentation of facts with active participation to show the integration of science into everyday life. Resources are used to promote scientific literacy by nurturing a lifelong fascination with God's world. Topics that are studied include; science process skills, science tools, living and nonliving things, weather and seasons, the five senses, introduction to plant and animal characteristics and Earth's land, air and water. Assessment is demonstrated through observation, skill check and group participation in activities.

**Curriculum:** Bob Jones University Press

## **FIRST GRADE**

### **1<sup>st</sup> grade Phonics and English**

**Description:** Phonics and English I incorporates Biblical worldview, listening and speaking skills, phonics, reading for comprehension, English grammar, and writing sentences and paragraphs. This course presents language skills as essential tools for oral and written communication.

**Curriculum:** Bob Jones University Press Phonics, Student worktext and Student workbook; Heggerty Phonemic Awareness, 2020

### **1<sup>st</sup> Grade Spelling and Penmanship**

**Description:** The 1<sup>st</sup> grade spelling program presents words chosen from lists of most frequently used words, sight words, and words chosen for particular phonetic patterns. The weekly lists provide lessons that review the lessons previously taught in the phonics curriculum. Words are presented to be studied within the context of language and the words must be used in a written context ( ex; word families). The spelling words are integrated into the penmanship assignments. Zaner-Bloser style of writing the lowercase and uppercase letters are introduced separately. Writing positions guide students in the correct positions for sitting, holding the pencil, and positioning the paper. Assessment is demonstrated on weekly written work and weekly spelling tests.

**Curriculum:** Bob Jones University Press Spelling Student book 1; Handwriting Grade 1 Book

## **1<sup>st</sup> Grade Reading**

**Description:** The readers combined with worktext practice is reinforcing and helps students with sequencing, context clues, reading comprehension, linking images with text and more. This all helps to put students on track to fluent reading.

**Curriculum:** Bob Jones University Press, Reading Worktext; Reader 1A Colors Glowing, Reader 1B Feathers, Fins, and Fur; 1C Helping Hands; 1D A day to Remember; 1E Hear the music; Reader 1F Treasures to keep.

## **1<sup>st</sup> Grade Mathematics**

**Description:** A blend of learning styles is used to introduce mathematical concepts including; number logic (including adding and subtracting), graphs, shapes, time, measurement, estimation, fractions, money and more. Concepts are introduced and then revisited several times through the year to aid in complete understanding of the concepts. These concepts are developed in a progression that is designed to give the students a solid foundation in the basic math skills. Memorization is stressed in the learning of basic math facts. Assessment is through observation, demonstration of specific skills, skill checks and workbook pages.

**Curriculum:** Bob Jones University Press, Mathematics; Student books 1 & 2

## **1<sup>st</sup> Grade Heritage Studies**

**Description:** The 1<sup>st</sup> Grade social studies curriculum is an exploration of God's world. Concepts start at knowing God created me, my family, how I belong in a community and country. The students will be introduced to holidays, country symbols as well as map and globe skills and concepts. Exploring our world is learned through activity based lessons that integrate hands on and print materials for the development of basic social studies concepts and skills. Assessment is demonstrated through observation and group participation in activities and stories.

**Curriculum:** Bob Jones University Press, Family and Community Book

## **1<sup>st</sup> Grade Science**

**Description:** 1<sup>st</sup> Grade science is an introduction to foundational science facts and skills. Concepts are introduced through printed material, videos and a presentation of facts with active participation to show the integration of science into everyday life. Resources are used to promote scientific literacy by nurturing a lifelong fascination with God's world. Topics that are studied include; science process skills, science tools, living and nonliving things, the five senses, introduction to plant and animal characteristics, Earth and its landforms, introduction to the solar system and the moon, how we get and use energy and simple machines. Assessment is demonstrated through observation, skill check and group participation in activities.

**Curriculum:** Bob Jones University Press, Science.

## **SECOND GRADE**

### **2nd Grade Reading**

**Description:** The second grade reading program includes phonics, vocabulary and word work, comprehension, writing, and skill station days. Skill Station Days include activities in phonics, structural analysis, study skills, and listening. This program is literature-based in which students

read age appropriate fiction and nonfiction material with understanding and fluency. The purpose of instruction is to develop fluent, motivated, lifelong readers. Flexible lessons allow teachers to make instructional decisions based on student needs and interests. Assessment is through observation, oral responses, skill checks, and completion of worktext pages. This course will prepare students for third grade reading.

**Curriculum:** Bob Jones University Press; All God's creatures: 2A, Hearts and Hands:2B; Booklinks; The Treasure of Pelican Cove; Pulling Together, 3rd edition. Heggerty Phonemic Awareness, 2020

## **2nd Grade Math**

**Description:** Second grade mathematics is a year-long course and has twenty-one major concepts which includes the following scope and sequence: counting 1-999, sets, number order, addition, subtraction, correspondence of quantities, place value, time, fractions, money, sequence, multiplication, shapes, calendar, graphs, measurement, temperature, estimation, ratio, area, perimeter, and volume, and decimals. These concepts are developed in a progression that is designed to give the students a solid foundation in the basic math skills. The curriculum is designed so that the teacher can adapt its use to student(s) of varying ability. The course involves lecture, use of manipulatives, and hands on activities. Each lesson consists of a major concept and practice of previously taught concepts. The test structure is such that the students will have had sufficient practice with a concept to have learned it before being tested. Assessment is through observation, oral responses, skill checks, completion of worktext pages, and tests after every ten lessons. This course will prepare students for third grade mathematics.

**Curriculum:** Bob Jones University Press, 4th Edition

## **2nd Grade English**

**Description:** The second grade English curriculum helps students to develop the correct use of English grammar in written and oral communication, to use the Writing Process for different types of compositions, to encourage clear and effective writing, to develop study and reference skills, and to improve listening and speaking skills. Students are taught to construct complete sentences which demonstrate subject/verb agreement, appropriate capitalization and punctuation, and appropriate use of parts of speech. Students will use prewriting strategies to generate and organize ideas. They will write to include a beginning, middle, and end and use descriptive words when writing about people, places, things, and events. Students will write for a variety of purposes including description, information, and narration. Assessment is through oral responses, completion of worktext pages, and chapter tests. This course will prepare students for third grade English.

**Curriculum:** Bob Jones University Press; English 2: Writing and Grammar, 3rd Edition.

## **2nd Grade Science**

**Description:** The second grade Science curriculum's goals are as follows: Promote disciplined and orderly approaches to problem solving, teach cooperative skills through group activities, challenge students to be good stewards of God's creation, establish foundational science facts and skills for further science instruction, balance presentation of facts with active participation, teach processes involved in a scientific method, show the integration of science into everyday life, and effect a positive attitude toward science through active participation and relevant discussions. Topics that are studied include science process skills, science tools, living and nonliving things, plants, communities and environments, fossils, surface of the earth, water, soil, and trees, sunrise and sunset, sources of light, forms of matter, force and motion, and the skeletal and muscular systems. Assessment is through observation, oral responses, completion of worktext pages, and chapter tests. This course will prepare students for third grade science.

**Curriculum:** Bob Jones University Press; Science 2

## **2<sup>nd</sup> Grade Social Studies**

**Description:** The second grade Social Studies curriculum is organized around eight strands: history, economics, geography, government, rules and responsibilities, culture, science, technology, and society, and social studies skills. Assessment is through oral responses, group/individual projects, and completion of worksheets. This course will prepare students for third grade social studies.

**Curriculum:** Bob Jones University Press; Heritage Studies 2, 3rd Edition.

## **2<sup>nd</sup> Grade Spelling**

**Description:** The second grade Spelling curriculum presents word lists chosen from lists of most frequently used words, sight words, and words chosen for particular phonetic or rhyming patterns. Each week's lesson includes 17 spelling words with phonics based activities. Four review units are spread throughout the year. Assessment is through a weekly test. This course will prepare students for third grade spelling.

**Curriculum:** Bob Jones University Press; Spelling, 2nd Edition.

## **2<sup>nd</sup> Grade Penmanship**

**Description:** The second grade Penmanship curriculum's goal is to teach students to write legibly in cursive. Writing positions guide students in the correct positions for sitting, holding the pencil, and positioning the paper. Lowercase and uppercase letters are introduced separately. Students will apply their knowledge with activities that will help them increase their speed and fluency as they gain automaticity in handwriting. Assessment is through completion of worktext pages. This course will prepare students for third grade penmanship.

**Curriculum:** Zaner-Bloser; Handwriting

## **THIRD GRADE**

### **3<sup>rd</sup> Grade Reading**

**Description:** The third grade reading program includes phonics, vocabulary and word work, comprehension, writing, and skill station days. Skill Station Days present focused teaching of the reading skills. Whole-class activities, as well as one-on-one activities for individual instruction, develop and apply phonics, comprehension, structural analysis, and study skills. Listening lessons on these days provide background for teaching important comprehension skills and study skills. This program is literature-based in which students read age appropriate fiction and nonfiction material with understanding and fluency. The purpose of instruction is to develop fluent, motivated, lifelong readers. Flexible lessons allow teachers to make instructional decisions based on student needs and interests. Assessment is through observation, oral responses, skill checks, and completion of worktext pages. This course will prepare students for fourth grade reading.

**Curriculum:** Bob Jones University Press; Adventures in Reading; 3A and 3B. Booklinks; These are my people; The case of the Dognapped Cat. Heggerty Phonemic Awareness, 2020

### **3<sup>rd</sup> Grade Math**

**Description:** Third grade mathematics is a year-long course and has sixteen major concepts which includes the following scope and sequence: number theory, place value, number order, addition, subtraction, time, money, multiplication, division, geometry, fractions, decimals, measurement, graphs, area, perimeter, and volume, and ratio. The curriculum is designed so that the teacher can adapt its use to student(s) of varying ability. The course involves lecture, use of manipulatives, and hands on activities. Each lesson consists of a major concept and

practice of previously taught concepts. The test structure is such that the students will have had sufficient practice with a concept to have learned it before being tested. Assessment is through observation, oral responses, skill checks, completion of worktext pages, and tests after every ten lessons. This course will prepare students for fourth grade mathematics.

**Curriculum:** Bob Jones University Press; 4th Edition

### **3<sup>rd</sup> Grade English**

**Description:** The third grade English curriculum helps students to develop the correct use of English grammar in written and oral communication, to use the Writing Process for different types of compositions, to encourage clear and effective writing, to develop study and reference skills, and to improve listening and speaking skills. Students are taught to construct complete sentences which demonstrate subject/verb agreement, spelling, appropriate capitalization and punctuation, and appropriate use of the eight parts of speech. Assessment is through oral responses, completion of worktext pages, and chapter tests. This course will prepare students for fourth grade English.

**Curriculum:** Bob Jones University Press; *English 3: Writing and Grammar*, 3rd Edition

### **3<sup>rd</sup> Grade Science**

**Description:** The third grade science curriculum's goals are as follows: promote disciplined and orderly approaches to problem solving, teach cooperative skills through group activities, challenge students to be good stewards of God's creation, establish foundational science facts and skills for further science instruction, balance presentation of facts with active participation, teach processes involved in a scientific method, show the integration of science into everyday life, and effect a positive attitude toward science through active participation and relevant discussions. Topics that are studied include cold-blooded animals, warm-blooded animals, plants, ecosystems, matter, sound, energy in motion, soil, rocks, and minerals, weather, the solar system, cells, tissues, and organs, and skin. Assessment is through observation, oral responses, completion of worktext pages, and chapter tests. This course will prepare students for fourth grade science.

**Curriculum:** Bob Jones University Press; *Science 3*, 5th Edition

### **3<sup>rd</sup> Grade Social Studies**

**Description:** The third grade Social Studies curriculum is organized around eight strands: history, economics, government, geography, rules and responsibilities, culture, science, technology, and society, and social studies skills. Assessment is through oral responses, group/individual projects, and completion of worksheets. This course will prepare students for fourth grade social studies.

**Curriculum:** Bob Jones University Press; *Heritage Studies 3*, 3rd Edition.

### **3<sup>rd</sup> Grade Spelling**

**Description:** The third grade Spelling curriculum presents word lists of most frequently used words, sight words, and words chosen for particular phonetic or rhyming patterns. Each week's lesson includes 20 spelling words with phonics based activities. Four review units are spread throughout the year. Assessment is through a weekly test. This course will prepare students for fourth grade spelling.

**Curriculum:** Alpha Omega Publications, Inc.; *Horizons Spelling and Vocabulary 3*

### **3<sup>rd</sup> Grade Penmanship**

**Description:** The third grade Penmanship curriculum's goal is to teach students to write legibly in cursive. Writing positions guides students in the correct positions for sitting, holding the pencil, and positioning the paper. Lowercase and uppercase letters are introduced separately.



Students will apply their knowledge with activities that will help them increase their speed and fluency as they gain automaticity in handwriting. Assessment is through completion of worktext pages. This course will prepare students for fourth grade penmanship.

**Curriculum:** Zaner-Bloser; Handwriting

## **FOURTH GRADE**

### **Mathematics**

#### **4<sup>th</sup> Grade Math**

**Description:** Fourth grade mathematics is a full year course that is taught on average for 60 minutes a day. The course involves teacher instruction, student-directed learning, use of manipulatives, and hands-on activities. Main areas of emphasis for the course are number theory, place value, number order, addition, subtraction, multiplication, division, time, money, geometry, fractions, decimals, ratio, measurement, graphs, and equations. Students will demonstrate number sense and place value through the hundred billions, expand on computational skills in addition and subtraction, and demonstrate mastery of multiplication and division facts. Students will solve three digit times a two-digit number while carrying multiplication problems and division by two digit divisors. Students will solve word problems and perform computational procedures. Students will identify geometric shapes and demonstrate geometric concepts involving points, lines, planes, and space. Students will also calculate perimeter, area, and volume. Students will compare and order fractions, and add and subtract fractions with common and unlike denominators. Students will compare and order decimals, and add and subtract decimals. Students will display data using graphs and charts. These concepts will be assessed through daily worksheets, classroom discussion, tests, and hands-on activities.

**Curriculum:** Bob Jones University Mathematics 4

#### **4<sup>th</sup> Grade Reading**

**Description:** The fourth grade reading curriculum focuses on developing skilled and enthusiastic readers. Fourth graders learn to be active and capable readers of both fiction and nonfiction, reading a variety of genres-fiction, historical fiction, mystery, biography, autobiography, nonfiction, poetry, plays. Students engage in a wide range of comprehension activities designed to support both critical reading and continued growth as readers. The curriculum uses effective standards-based instruction in the five key areas of reading through a consistent lesson format. The 5 key target skill areas are: phonemic awareness, phonics, fluency, vocabulary, and comprehension. Fourth graders apply a variety of strategies to decode unknown words, read with fluency, and build and apply vocabulary. Students apply higher-level comprehension strategies: Predict/Infer, Monitor/Clarify, Question, Evaluate, Summarize. Students participate in literature discussions and write meaningful responses to literature. Students read independently for pleasure and information, and read grade level text. Students are assessed in a variety of ways, including: workbook pages, independent reading, group reading and classroom discussions, and formal evaluations.

**Curriculum:** Bob Jones University Reading Grade 4; Heggerty Phonemic Awareness, 2020

**Note:** Students are encouraged to read outside of the classroom on a daily basis. Students keep track of their reading minutes on a reading log and are rewarded with incentives. Students

are required to read a book every month. A different genre is assigned each month, and students complete a required book project.

#### **4<sup>th</sup> Grade English**

**Description:** Fourth graders receive instruction and practice for grammar, usage, and mechanics skills. Students will be able to construct complete sentences and identify the four different kinds of sentences. The curriculum focuses on the parts of speech-nouns, verbs, adjectives, pronouns, adverbs, prepositions, and capitalization and punctuation. Fourth grade students learn to write to communicate for a variety of purposes. Students use the steps of the writing process: Prewriting, Drafting, Revising, Editing and Publishing. Students demonstrate the traits of writing: ideas, organization, voice, word choice, sentence fluency, and conventions (spelling, capitalization, punctuation, grammar, mechanics). Students communicate effectively in various forms of writing: Personal Narrative, Fictional Narrative, Explaining and Informing, Persuasive Essay and Poetry. Students use research skills to gather, analyze and apply information. Students keep a daily writing journal and write paragraphs on a weekly basis. Students are assessed through worksheets, class discussion, writing assignments, and tests.

**Curriculum:** Bob Jones University English 4

#### **4<sup>th</sup> Grade Spelling**

**Description:** The fourth grade spelling curriculum is integrated with the reading curriculum and based on a phonetic approach. Students complete practice workbook pages and participate in a variety of activities such as group spelling games, word puzzles, use of a dictionary, and word work (structural analysis of words). Students will apply spelling rules and correct spelling in daily classwork assignments. Students are assessed through weekly tests and daily classwork.

**Curriculum:** Bob Jones University Spelling 4

#### **4<sup>th</sup> Grade Science**

**Description:** Fourth grade science covers the topics: living things, insects and spiders, plants, forces and machines, electricity and magnetism, light, moon, water and oceans, weathering and erosion, earth's resources, digestion, and bones and muscles. Students also learn the scientific method. The course involves hands-on activities, scientific explorations, experiments, projects, and Activity Manual workbook study guides and activities. Students are assessed through class discussion, activity manual workbook pages, quizzes, and tests.

**Curriculum:** Bob Jones University Science 4

**Note:** Science 4 and Science 5 are rotating classes.

#### **4<sup>th</sup> Grade Social Studies**

**Description:** Fourth grade social studies is a study of the geography of the four major regions of the United States-the East, South, Midwest, and West. Students will study the landforms and climate, resources and economy, and people and their culture of each region. Map and globe skills, chart and graph skills, use of reference materials, identifying primary and secondary sources, citizenship skills, and critical thinking skills are also covered. Students will learn to write well thought-out relevant short answers to social studies questions to develop and apply critical thinking skills. The course involves assigned reading lessons, worksheets, classroom discussion, hands-on activities, and projects. Students will be assessed through workbook

pages, lesson reviews from textbook, classroom discussion, projects, quizzes, and tests.

**Curriculum:** Houghton Mifflin Harcourt Social Studies-States and Regions 4

**Note:** Social Studies 4 and Social Studies 5 are rotating classes.

## **FIFTH GRADE**

### **5th Grade Math**

**Description:** Fifth grade mathematics is a full year course that is taught on average for 60 minutes a day. The course involves teacher instruction, student-directed learning, use of manipulatives, and hands-on activities. Main areas of emphasis for the course are number theory, number order, addition, subtraction, multiplication, division, time, money, geometry, fractions, decimals, ratio, measurement, graphs, equations, percent, and problem solving. Students will expand on computational skills in addition, subtraction, multiplication, and division. Students will demonstrate geometric concepts involving points, lines, planes, angles, diameter and radius of circles, and demonstrate use of a compass and protractor. Students will calculate perimeter, area, volume, surface area. Students will expand on computational skills of addition and subtraction of fractions and decimals, and be able to multiply and divide fractions and decimals. Students will demonstrate percent concepts. Students will display data using graphs and charts. Students will solve multiple-step word problems and perform computational procedures. Students will also problem solve with calculators. These concepts will be assessed through daily worksheets, classroom discussion, tests, and hands-on activities.

**Curriculum:** Bob Jones University Mathematics 5

### **5th Grade Reading**

**Description:** The fifth grade reading curriculum focuses on developing skilled and enthusiastic readers. Fifth graders learn to be active and capable readers of both fiction and nonfiction, reading a variety of genres, including fiction, historical fiction, mystery, biography, autobiography, autobiography, nonfiction, poetry, tall tales, plays. Students engage in a wide range of comprehension activities designed to support both critical reading and continued growth as readers. The curriculum uses effective standards-based instruction in the five key areas of reading through a consistent lesson format. The 5 key target skill areas are: phonemic awareness, phonics, fluency, vocabulary, and comprehension. Fifth graders apply a variety of strategies to decode unknown words, read with fluency, and build and apply vocabulary. Students apply higher-level comprehension strategies: Predict/Infer, Monitor/Clarify, Question, Evaluate, Summarize. Students participate in literature discussions and write meaningful responses to literature. Students read independently for pleasure and information, and read grade level text. Students are assessed in a variety of ways, including: workbook pages, independent reading, group reading and class discussions, and formal evaluations.

**Curriculum:** Bob Jones University Reading Grade 5; Heggerty Phonemic Awareness, 2020

**Note:** Students are encouraged to read outside of the classroom on a daily basis. Students keep track of their reading minutes on a reading log and are rewarded with incentives. Students are required to read a book every month. A different genre is assigned each month, and students complete a required book project about the book.

## **5th Grade English**

**Description:** Fifth graders receive instruction and practice for grammar, usage, and mechanics skills. Students will be able to construct complete sentences and identify the four different kinds of sentences. The curriculum focuses on the parts of speech-nouns, verbs, adjectives, pronouns, adverbs, prepositions, and capitalization and punctuation. Fifth grade students learn to write for a variety of purposes, developing their ability to express ideas, emotions and beliefs while acquiring a foundation in the fundamentals of writing. Students use the steps of the writing process: Prewriting, Drafting, Revising, Editing and Publishing. Students demonstrate the traits of writing: ideas, organization, voice, word choice, sentence fluency, and conventions (spelling, capitalization, punctuation, grammar, mechanics). Students communicate effectively in various forms of writing: Personal Narrative, Story, Comparing and Contrasting, Research Report, Persuasive Essay, and Poetry. Students use research skills to gather, analyze and apply information. Students keep a daily writing journal and write paragraphs on a weekly basis. Students are assessed through worksheets, class discussion, writing assignments, and tests.

**Curriculum:** Bob Jones University English 5

## **5th Grade Spelling**

**Description:** The fifth grade spelling curriculum is integrated with the reading curriculum and based on a phonetic approach. Students complete practice workbook pages and participate in a variety of activities such as group games, word puzzles, use of a dictionary, and word work (structural analysis of words). Students will apply spelling rules and correct spelling in daily classwork assignments. Students are assessed through weekly tests and classwork.

**Curriculum:** Houghton Mifflin Reading 5

## **5th Grade Science**

**Description:** The fifth grade science curriculum covers the topics: minerals and rocks, fossils and dinosaurs, matter, energy and heat, weather, biomes, interactions and changes in an ecosystem, sound, light, respiratory system, and circulatory system. Students also learn the scientific method. The course involves hands-on activities, scientific explorations, experiments, Activity Manual workbook study guides and activities, and projects. Students are assessed through Activity Manual workbook pages, classroom discussion, quizzes, and tests.

**Curriculum:** Bob Jones University Science 5

**Note:** Science 4 and Science 5 are rotating classes.

## **5th Grade Social Studies**

**Description:** Fifth grade social studies is a study of United States history from the earliest civilizations through the early years of America. Students will study about America's land and the first Americans, the Age of Exploration and European settlements, the English colonies, the American Revolution, creating our new nation, the Constitutional Convention and Constitution, the Early Republic, War of 1812, growth of our new nation-Industrial Revolution and moving west, the Civil War, the Plains, and the early years of America. Students will also study a unit on United States government. Map and globe skills, chart and graph skills, study skills, citizenship skills, and critical thinking skills are also covered. Students develop and apply critical thinking skills and writing skills by writing well thought-out and developed short answers to social studies

questions. The course involves assigned reading, worksheets, classroom discussion, hands-on activities, and projects. Students will be assessed through workbook pages, lesson reviews from textbook, classroom discussion, projects, quizzes, and tests.

**Curriculum:** Houghton Mifflin Harcourt Social Studies-United States History 5

**Note:** Social Studies 4 and Social Studies 5 are rotating classes.