

## Ninth Grade Curriculum

### ***Bible 9 – Heritage Of Our Faith***

Full Year	Required for Grade 9	1 credit
Prerequisite: None	Required Materials: NIV Bible	Fee: None

*Heritage Of Our Faith* is a study of the Old Testament, emphasizing the activity of God in the lives of His people, and following His promise of a Savior. Interspersed are topics relevant to the early teen years including developing relationships, making wise decisions, and managing our gifts from God. Outcomes for this course include growing in knowledge and faith as well as having developed a background for studies in the New Testament, Christian Doctrine, and Practical Christianity.

### ***English 9 – Literature, Grammar, and Composition***

Full Year	Required for Grade 9	1 credit
Prerequisite: Successful completion of 8 <sup>th</sup> grade Reading and English	Required materials: textbooks supplied by RMLHS	Fee: None

In developing God's gifts of reading and communication, students will have the opportunity to practice the writing process to produce clear, complete sentences and paragraphs; to use Christian judgment to begin to analyze literature in discussion and writing; to prepare and present reports to develop oral communication skills. The study of grammar and vocabulary are stressed as ways of achieving effective communication. Formal vocabulary lessons are also a part of preparing the student for reading and writing in high school, college and career work. The outcome for this course is students prepared for English 10 as well as for reading and writing in other courses.

### ***Math 9 – Pre-Algebra***

Full Year	Elective for Grade 9	1 credit
Prerequisite: Placement by faculty	Required materials: text Scientific calculator	Fee: None

In teaching students about God's gift of numbers and order, *Pre-Algebra* prepares the student for Algebra. Building mathematical confidence, strengthening basic math skills and other skills necessary for success in Algebra are emphasized. The student will be able to enroll in Algebra I upon completion of this course.

## **Math 9 – Algebra I**

Full Year	Required for Grade 9	1 credit
Prerequisite: Successful completion of Pre-Algebra	Required Materials: text Scientific Calculator	Fee: None

In studying God's gift of numbers and orderliness, *Algebra I* is a two-semester course which will introduce students to the wonderful and rich language of mathematics. Students will describe patterns, work with formulas, discuss unknowns in problems, and graph linear equations. Students are also introduced to the basic principles of probability and statistics. Successful completion of this course is a prerequisite to enrollment in *Geometry and Algebra II*.

## **Social Studies – World Geography**

Full Year	Required for Grade 9	1 credit
Prerequisite: None	Required Materials: Notebook	Fee: None

*World Geography* is a one-semester course in which the students learn of the variety in God's world through the study of its countries considering culture, ethnic groups, religion, and government. In addition the students will review basic social studies skills pertaining to physical geography, map skills, knowledge of place locations, and discuss international relationships better preparing them for Christian citizenship.

## **Concert Choir**

Full Year	Required for Grade 9 and 10	0.5 credit
Prerequisite: None	Required Materials: None	Fee: None

To develop God's gift of voice used in song *Concert Choir* will be held on Monday, Wednesday, and Friday. Students rehearse choral works of various styles; emphasizing vocal tune and interpretation as well as discovering the joy of joining together with other in song. The primary function of this choral group is to participate in the regularly scheduled concerts, periodic chapel services, and to prepare some students for participation in Eagle Choir in subsequent years.

### ***Fine Arts - Fundamentals of Art***

One semester	Required for Grade 9	0.25 credit
Prerequisite: None	Required materials: None	Fee: None

*Fundamentals of Art* is a year-long course that meets once a week. The fundamentals of drawing are taught through a variety of activities using various media. The basic language of art is learned and principals of design and color are explored.

### ***Computer - Computer Keyboarding***

One Semester	Required for Grade 9	0.5 credit
Prerequisite: None	Required Materials: None	Fee: None

*Computer Keyboarding* is taught the first semester of 9<sup>th</sup> grade and introduces students to typing using the computer. The touch system of keying is taught. The course also includes an introduction to word processing. This course ensures that students have the skills necessary to use their God-given skills in producing word-processed work for their future course work in high school and college.

### ***Computer - Computer Applications***

One Semester	Required for Grade 9	0.5 credit
Prerequisite: Computer Keyboarding	Required Materials: None	Fee: None

*Computer Applications* is taught during the second semester of 9<sup>th</sup> grade to all students who have demonstrated a minimum level of speed and accuracy on the keyboard. This course provides the student with fundamental and practical computer operations such as word processing, database, and spreadsheets as they relate to beginning level business and personal record keeping. The course will also enable students to develop their God-given gifts for future use and school and life in general.

### ***Christian Wellness – Team Sports***

One Semester	Required for Grade 9 or 10	0.25 credit
Prerequisite: None	Required Materials: Gym Clothes	Fee: None

In *Team Sports* students will have the opportunity to develop God-given ability and learn the basic fundamentals of a variety of team sports. These may include all or selections from the following: volleyball, basketball, floor hockey, indoor soccer, team handball, speed ball, field hockey, outdoor soccer, softball, and flag football. Through these experiences students will also have the opportunity to work as a team toward a common goal. This class meets two times per week.

### ***Christian Wellness – Strength and Conditioning***

One Semester	Required for Grade 9 or 10	0.25 credit
Prerequisite: None	Required Materials: Gym Clothing	Fee: Shared Rec Center Fee

In *Strength and Conditioning* students will learn and apply basic fundamentals of health and fitness to God's gift of their bodies with the following: training safety and lifting techniques, diet and nutrition, supplements, cardiovascular fitness (aerobic training), strength development programs, and personal fitness. Students who are injured or have disabilities may be provided with an alternative conditioning program. This class meets twice a week.

### ***Science – Astronomy***

One Semester	Required for Grade 9	.5 credit
Prerequisite: None	Required Materials: None	Fee: None

Astronomy is the study of the universe God created during the six days of creation. This course will include the study of God's orderliness in our solar system, the Milky Way galaxy, and beyond. Students will be equipped to recognize the fallacies of the "Big Bang" theory.

## Tenth Grade Curriculum

### ***Bible10 - In Steps of Jesus***

Full Year	Required for Grade 10	1 credit
Prerequisite: None	Required Materials: NIV Bible	Fee: None

In *Bible 10* students learn about the ministry of Christ as our Perfect Substitute in the four Gospels. This is followed by a study of the spread of the Christian Church as it is recorded in the Books of Acts and some Epistles. Students will have an opportunity to grow in their knowledge and faith as they study this portion of God's Word together as well as to be better equipped for a life of service to God and others.

### ***English 10 – Speech I***

One Semester	Required for Grade 10	0.5 credit
Prerequisite: English 9	Required Materials: text	Fee: None

The purpose of *Speech I* is to help students develop basic oral communication skills important to success in school and life and to develop skills that model Christian values and character in what is written and communicated both verbally and nonverbally. The student will be required to deliver six (6) different speeches during this semester. Successful completion of this course will prepare the student for further presentations in school and adult life.

### ***English 10 – Basic Composition***

One Semester	Required for Grade 10	0.5 credit
Prerequisite: English 9	Required Materials: text	Fee: None

The purpose of *Basic Composition* is to incorporate into the student's personal life the writing process, writing plans, and peer editing skills. These skills will prepare the student for the various kinds of writing demands he/she will encounter in their academic, vocational, personal, and spiritual life. Formal vocabulary lessons are also a part of preparing the student for reading and writing in high school, college and career work.

### ***Foreign Language – Spanish I***

Full Year	Elective	1.0 credit
Prerequisite: None	Required Materials: text	Fee: None

*Spanish I* is an elective two-semester course in which the student is introduced to the basic vocabulary, grammar, and form needed to speak and write simple Spanish sentences. The course includes a brief study of Hispanic culture to help students gain an appreciation for the variety of cultures in the world, its people, and the time in which God has placed us.

### ***Math – Geometry***

Full Year	Required	1 Credit
Prerequisite: Algebra I	Required Materials: (text)	Fee: None

*Geometry* is a two semester course which introduces the basic structure of plane geometry. This includes the concepts of congruence, parallelism, and similarity with triangles, parallelograms, and other polygons. The student is introduced to formal proof and logical reasoning. Several other topics are studied such as circles, area, volume, trigonometry, and coordinate geometry. Students will gain an appreciation for those who have uncovered the laws, theorems, and postulates of geometry as well as the orderliness of God who gave them to us. Successful completion of this course prepares students for Algebra II.

### ***Social Studies – World History***

Full Year	Required for Grade 10	1 credit
Prerequisite: None	Required Materials: text	Fee: None

*World History*, is a two-semester course designed to broaden students' appreciation for and perspectives of key historical influences and events that have helped to shape our present world under God's will and direction. Students will relate lessons learned from the mistakes and successes of the past to the present world and the their individual lives.

### ***Christian Wellness – Individual Sports***

One Semester	Required for Grade 9 or 10	0.25 credit
Prerequisite: None	Required Materials: proper attire for physical activity	Fee: None

To gain a better appreciation and understanding of how to keep God's gift of our body fit, students will be introduced to a variety of individual sport activities. This may include all or selections from the following list: archery, badminton, golf, bowling, tennis, doubles volleyball, and racquetball.

### ***Christian Wellness – Dance and Fitness***

One Semester	Required for Grade 10	0.25 credit
Prerequisite: None	Required Materials: Proper attire for physical activity	Fee: None

To gain a better appreciation and understanding of how to keep God's gift of our body fit, this course will allow students the opportunity to learn the basic fundamentals and history of dance and fitness. Selection of dance forms is dependent on the faculty available and student interest. Forms of dance include but are not limited to folk dances, polka, line dancing, classical dancing, Irish dance, and others.

### ***Science – Biology***

Full Year	Required for Grade 10	1 credit
Prerequisite: None	Required materials: Text	Fee: None

*Biology* is a two-semester course dealing with the special creation of life as a gift of God. During the first semester, cell biology, genetics, and simple life forms are studied. Plant and animal kingdoms make up the course work during the second semester. Laboratory experiences are part of this course. Students will also be equipped to recognize the fallacies of evolutionary theory.

## **Eleventh Grade Curriculum**

### ***Bible 11 – Christian Doctrine***

Full Year	Required for Grade 10	1 credit
Prerequisite: None	Required Materials: None	Fee: None

*Christian Doctrine* is a discussion based study of Romans, I and II Corinthians, Philippians, I and II Thessalonians adapting the doctrinal content to Christian discipleship. Included is an overview study of church history emphasizing the Reformation and Lutheranism. The course concludes with a study of selected pagan religions, cults, and the occult.

### ***English 11 – American Literature***

Full Year	Elective for Grade 11-12	1 credit
Prerequisite: None	Required materials: Four novels – announced at the beginning of the course provided by RMLHS	Fee: None

*American Literature* presents a survey of the literature of America from its early beginning to the modern-day era. Much emphasis is placed on the early roots of Christianity. The philosophies of each time period are viewed in relation to Scriptural principles. Critical thinking skills and evaluation of literature are developed through essay writing, oral presentations, and discussions. Additionally, students write a number of essays and a formal research paper to expand upon what has been learned in previous years. Formal vocabulary lessons are also a part of preparing the student for reading and writing in high school, college and career work.

### ***Foreign Language – Spanish II***

Full Year	Elective for 11-12	1 credit
Prerequisite: Spanish I	Required Materials: Text	Fee; None

*Spanish II* is the continuation of the language training begun in Spanish I. More difficult vocabulary, grammar, and sentence structure is learned with more emphasis on conversation to help students better appreciate and communicate with Spanish speakers and enabling them to better spread the Gospel to all nations.

## ***Math - Algebra II***

Full Year	Elective for Grade 11-12	1 credit
Prerequisite: Geometry	Required Materials: Graphing Calculator	Fee: None

*Algebra II* assumes a firm grasp of *Algebra I* concepts. It reviews and expands algebra and introduces matrices, statistics, and complex numbers. Linear, quadratic, exponential, logarithmic, logistic, radical, and trigonometric functions are studied. How to use the various features of the graphing calculator is also incorporated into the course material. The course prepares students for *Math Analysis* and helps them gain an appreciation for the wonders of numbers as a part of God's creation.

## ***Social Studies – American History***

Full Year	Required for Grade 11	1 credit
Prerequisite: None	Required Materials: Text	Fee: None

*American History* is a two-semester course required of juniors. It surveys the development of the United States from its exploration and colonization to its role as a leader in current world affairs. Emphasis is placed on the birth of freedom, our form of government and political parties, its continuous development and corresponding responsibilities. Outside readings, written research, and oral presentations are some of the required experiences. Students will gain an appreciation of God's hand in guiding history so that the Gospel might spread and the Holy Christian Church grow according to His will. An honors level for this course is available to students who wish to do more in-depth reading, reporting, and essay writing related to various American history topics throughout the course.

## ***Computer – Digital Media***

One Semester	Required for grade 10	0.25 credit
Prerequisite: Fundamentals of Art	Required Materials: None	Fee: None

In *Digital Media* students will be introduced to digital technologies, concepts, and processes employed by contemporary commercial artists. Students will be given the opportunity to develop their God-given skills by the use of computers, digital cameras, Adobe Suites and other professional design programs to complete projects in this rapidly growing area of technology.

### ***Christian Wellness – Health and Fitness***

One Semester	Required for Grade 11	0.25 Credit
Prerequisite: None	Required Materials:	Fee:

*Health and Fitness* is offered as an awareness unit on different aspects of personal health and will help lead students to understand better how their bodies are temples of the Holy Spirit. The student will learn how food and exercise interact for peak performance in your body. This class will focus on topics such as tobacco use, alcohol and drug abuse, sports and nutrition, eating disorders, weight control, and other current health topics. Lifetime fitness activities such as aerobics, power walking, jogging, and muscle conditioning will be used to incorporate exercise into the class.

### ***Science – Chemistry***

One Semester	Required for Grade 11	1 credit
Prerequisite: Biology	Required Materials: None	Fee: None

*Chemistry* is a college prep science course for juniors. Students in chemistry are given the opportunity to study various aspects of the atomic nature of God's creation such as atomic and molecular kinetic theory, gas laws, phases of matter, ions and solutions. Quarter projects include introduction to library research and simple qualitative analysis. Concepts are developed through a variety of laboratory activities. An honors level for this course is available to students who wish to do more lab work, in-depth reading, reporting, and essay writing related to various chemistry topics throughout the course.

## Twelfth Grade Curriculum

### ***Bible 12 - Practical Christianity***

Full Year	Required for Grade 12	1 credit
Prerequisite: None	Required Materials: None	Fee: None

*Practical Christianity* is a two semester senior religion course. In the first semester a number of discussion topics are emphasized leading up to a study of engagement and marriage. In the second semester we conclude the student's Word of God study with a look at the last books of the New Testament, Hebrews through Revelation. Students will have the opportunity to grow in their knowledge of and faith in their loving Savior-God and have their eyes opened to some of the many opportunities they have to serve Him.

### ***Social Studies - United States Government***

One Semester	Elective for Grade 12	0.5 credit
Prerequisite: None	Required Materials: Text	Fee: None

*United States Government* is a one-semester elective course for seniors. This course is a study of the basic principles of democracy and how such principles are applied in the American form of government. The functions of government are examined on a federal, state, and local level. A Christian's role and responsibility in the government of the United States is emphasized. Upon completion of this course, students will be equipped to fulfill this role in their adult lives.

### ***Social Studies - Economics***

One Semester	Elective for Grade 12	1 credit
Prerequisite: None	Required Materials: Text	Fee: None

*Economics* will cover basic economic principles and characteristics along with examining economics in national and international areas and topics. Topics of study include banking, investments, inflation, taxes along with international topics related to international finance, trade and relations between nations. This class is intended to help the high school student get a grasp of what economics is and how it affects our lives on a daily basis. They will also be better equipped to be managers of the blessings God will give them in their lives of service to Him and others.

### **English 12 - English Literature**

Full Year	Required for Grades 12	1 credit
Prerequisite: None	Required Materials: Text	Fee: None

*English Literature* provides a survey of British literature from the Anglo-Saxon period to the present. Throughout the study the literature is analyzed in comparison/contrast to the Christian world view. In addition to the study of specific works, authors, genres, and elements of British literature, emphasis is placed on developing, practicing, and refining composition skills through a variety of written assignments and individual conferences with the teacher. A review of grammar accompanies writing opportunities that focus on writing for college and adult life.

### **Math - Calculus**

Full Year	Elective for Grades 12	1 credit
Prerequisite: Alg. II and Math Analysis	Required Materials: Graphing Calculator	Fee: None

*Calculus* is a two-semester course for students who have successfully completed Advanced Algebra/Trigonometry. Students will gain a further appreciation for God in allowing humans to discover and use numbers and logical thinking. Functions, graphs, limits, derivatives and their applications, and integrals and their applications will be studied. An Advanced Placement (AP) exam will be given in May for those students desiring to take it. Students are required to have a graphing calculator. Please talk with the instructor before purchasing a calculator.

### **Foreign Language - Spanish 3**

Full year	Elective for Grades 11 - 12	1 credit
Prerequisite: Spanish 1 & 2	Required Materials: Text	Fees: None

*Spanish 3* is a two semester course which intensifies the study of Spanish speech and the development of better comprehension while including the study of the finer points of Spanish grammar. The study of literature and culture is continued, and writing and performing skills are also developed. Students will also be better able to communicate the Gospel to Spanish speakers. Completion of this course may allow a student to reduce foreign language requirements in college.

### ***Christian Wellness - Outdoor Colorado***

One Semester	Elective for Grade 12	0.25 credit
Prerequisite: None	Required Materials: See list	Fee: To be determined

*Outdoor Colorado* will provide experiences for students in outdoor activities common to Colorado. Units may include State Parks studies, fishing, gun safety, orienteering, disk golf, first aid, and camping. Included in this course will be the study of proper clothing, food, and navigational skills. The course culminates with the students planning and taking a camping trip somewhere in Colorado. Through this course the students will have an opportunity to gain a deeper appreciation for the beauty of this part of God's creation.

### ***Science - Physics***

Full Year	Required for Grade 12	1 credit
Prerequisite: Chemistry	Required Materials: None	Fee: None

*Physics* is a two-semester course for seniorsto learn the orderliness and operation of God's creation. Newtonian mechanics and gravity are first semester topics, while electricity, light, and quantum physics are studied during the second semester. Quarter projects and outside readings are assigned. Laboratory experiences are scheduled. This course prepares students for further study at the college level. An honors level of this course is available to those students desiring to do further outside reading and writing of reports on physical science topics.

### ***Music/Fine Arts - Band***

Full Year	Elective for Grade 9 – 12	0.25 credit per year
Prerequisite: None	Required Materials: None	Fee: None

*Band* is a natural extension of thefreshmen instrument course. It offers studnets further opportunity to develop their God-given musical ability as well as perform in school concerts.

### ***Music/Fine Arts - Eagle Choir***

Full Year	Elective for Grade 11 & 12	0.5 credit
Prerequisite: None	Required Materials: None	Fee: None

The Rocky Mountain Lutheran High School Eagle Choir is a gry-out choir. Students will have the opportunity to further develop God's gift of their voice in singing His praises and secular songs. Participation in this choir will include participating in services at Federation congregations as part of an RMLHS presentation. It also includes singing in school concerts and annual participation in the WELS Lutheran High Schools Choral Festival.

### Course of Study by Grade Level

	Bible	English	Math	Science
Grade 9	Bible 9	Grammar and Composition	Algebra I	Biology
Grade 10	Bible 10	Composition and Speech	Geometry	Earth Science
Grade 11	Christian Doctrine	American Literature or Journalism	Algebra II or Pre-calculus	Chemistry
Grade 12	Practical Christianity	Senior Composition or English Literature	Calculus	Physics

	Social Studies	Music	Christian Wellness	Computer
Grade 9	World Geography	Choir	Team Sports – Strength and Conditioning	Keyboard and Computer Applications
Grade 10	World History	Music Theory/Choir	Individual Sports and Dance	
Grade 11	Government or Economics	Music Appreciation and History	Health Issues And Family Health	Digital Media and Electronic Publication
Grade 12	American History	Band – A Cappella Choir	Outdoor Colorado and Fitness for Life	

	Art	Languages		Band
Grades 9	Fundamentals of Art – Lettering and Printing			Individual Lessons
Grade 10	Basic Drawing and Painting	Latin I or Spanish I		Individual Lessons
Grade 11	Landscape Design and Ceramics	Latin II or Spanish II		Individual Lessons
Grade 12	Adobe Illustrator and Advanced Art Study	Latin III or Spanish III		Band

### Graduation Requirements

The information below lists the number of credits in each subject area that are required for graduation from RMLHS.

The curriculum framework is structured to provide a strong background in the core disciplines, interwoven with specific requirements in artistic, technical, and physical education areas to best prepare the student for all aspects of Christian life following high school. Taking note of the unique requirements of specific colleges and universities, the student will have the best possible opportunity for success in the college of his/her choice.

#### **MINIMUM GRADUATION REQUIREMENTS**

Bible .....	4 credits
English .....	4 credits
Fine Arts ( <i>Music/Art</i> ).....	4 credits
Math .....	3 credits
Science .....	3 credits
Social Studies .....	3 credits
Christian Wellness .....	2 credits
Computer .....	2 credits
Foreign Language .....	2 credits
Electives .....	5 credits

**TOTAL .....**      **32 credits**