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“And David and all the house of Israel played before the LORD on all manner of instruments made of fir wood, even on harps, and on psalteries, and on timbrels, and on cornets, and on cymbals.” II Samuel 6:5



Introduction to YMV

Brief History

YMV started in the fall of 1991. Homeschoolers had a need for a musical outlet. Private lessons were available, but there was no opportunity for a group experience. So, with that in mind, an ad was put in a homeschool magazine and YMV began as a cooperative with four students, a page turner and a retired band instructor, Mr. Carroll Bailey. It was called *Young Musicians of Virginia* several years later. We began with one Intermediate Band class (two trumpets, two flutes). It grew to a beginning and an intermediate level; Strings class was added in the third year, Choir, the fifth year. The rest is plain to see. Just look at a registration form of classes available! Music classes have expanded to three Band levels, four Strings classes including Suzuki, Music Theory, five choirs, handbell choir, preschool and elementary music programs, ensembles, and private lessons in every instrument. Academic classes have been added at the 7-12th grade level. Our non-profit status was granted in August of 2000. The Executive Director and the Board of Directors oversee the vision and direction of the program.

Mission Statement

Educating young musicians in the homeschooling community to be Godly leaders.

Statement of Purpose

“To the glory of God in the highest and to further the learning of everyone.”
~Johann Sebastian Bach on the title page of *Orgelbuchlein*~

To teach music from a Biblical perspective, intertwining Scriptural principles applicable to life.

- a. To that end, all instructors and decision-making leadership must have a Christian testimony in word and in deed, be able to explain their relationship with Jesus, and sign our statement of faith.
- b. Students do not have to be of Christian faith. We do ask that they respect our position, not bringing in anything contrary to Biblical standard.

To provide a program that will enhance and support, not take the place of, the homeschooling experience.

We also wish to provide an atmosphere that will be consistent with, not challenge, the Biblical principles you teach in your home. We do not actively teach any particular church or denominational doctrine. However, we do discuss freely that which is part of our relationship with Jesus Christ as it relates to what we are doing and is consistent with Biblical Scripture. We use, in love, the Bible as the basis for encouragement, instruction, reproof, and correction that will lead to the righteousness of the Lord Jesus Christ in the life of the individual.

To provide musical opportunity for all homeschooling students without discrimination.

Emphasis is on Junior and Senior High programs that will provide a quality opportunity for those students who desire to use music as an avenue for vocation, ministry, or personal discipline and enjoyment.

Elementary music is provided to teach and train students in those age groups in order to lay a proper, solid foundation for entrance into the upper level programs.

To provide extracurricular musical opportunities, to enhance musical abilities which may include summer camps, tours, seminars, concert opportunities and competitions.

To provide academic high school level support classes for families whose 7-12th grade students pursue YMV musical opportunities.

These are provided as needed and as circumstances allow. It is our desire to assist families in these areas in order to help support and facilitate their conviction and calling to home schooling. These are the most difficult years academically for families. YMV stands with you and supports you in your calling.

Statement of Faith

All Scripture is self-attesting and being Truth, requires our unreserved submission in all areas of life. The infallible Word of God, the Old and New Testament, is uniquely and fully inspired by the Holy Spirit and is the supreme and final authority on all matters. (II Peter 1:20,21; II Tim. 3:16)

We believe in one God, the sovereign Creator and Sustainer of all things, infinitely perfect and eternally existing in three Persons: Father, Son and Holy Spirit. (I John 5:7)

Jesus Christ, the Son, became flesh through His miraculous conception by the Holy Spirit and His virgin birth. He who is true God became true man united in one Person forever. He died on the cross a sacrifice for our sins, was buried and resurrected in order to redeem mankind from sin and reunite them through His blood in a relationship with God, the Father. God desires all men to be saved and to come to the knowledge of the truth. For there is one God and one Mediator between God and men, the Man Christ 4:14–17).

Salvation is the recognition of our sinful condition, which separates us from God, the acceptance of Jesus Christ’s work on the cross, and asking Him to cleanse us from sin. It is not by works of righteousness, which we have done, but according to His mercy and grace that we are saved. The Holy Spirit instructs and guides us into all truth, and seals us for the day of redemption. (Rom. 10:9,10 Titus 3:5; John 16:13; Eph. 1:13,14; 4:30)

We believe God’s plan for human sexuality is expressed in a monogamous exclusive marriage between one genetic man and one genetic woman, joined together by God in a lifelong commitment of mutual fidelity and love. (Gen. 2:21-25; 1:27; Matt. 19:56; Mark 10:6 – 9; 1 Cor. 6:9; I Cor. 7:2; Eph. 5:22-33; Romans 1:24– 32)

The true Church is composed of all persons who through saving faith in Jesus Christ and the sanctifying work of the Holy Spirit are united together in the body of Christ. (Eph. 4:1-6)

In Essentials Unity
In Non-Essentials Liberty
In All Things Charity

Music Classes

The music requirement at YMV is met by one student in each family being enrolled in a large group class, (i.e. band, choir, strings) or by one student taking a private music lesson. Classes meeting this requirement are: band, strings, choir, private lessons, and any childhood and elementary music classes.

Band

Beginning Band

Brass, Woodwinds, Percussion



No prior experience necessary for the Beginner. Students will meet with their instrument group (brass, woodwinds, or percussion) and work with an instructor in that area to learn music fundamentals, and basic instrument skills, such as:

- *Instrument assembly and parts
- *Playing posture and breathing techniques
- *Fundamental scales and music theory
- *Proper embouchure and sticking technique
- *Performance etiquette
- *Basic music notation: staff, clefs, ledger lines, note qualities, rests, fundamentals of simple and compound time.

Intermediate Band

Intermediate Band placement by audition.

Intermediate band is the second and important subsequent level in the YMV band program. This band generally follows the successful completion of Beginning Band. The student is not required to participate in private instruction, but it is highly recommended.

Audition Criteria: ** All Scales are slur up, tongue down (top note repeating optional), from memory, playing as 8th notes.

1. Perform major scales through 4# and 4b's; two octave scales with isolated exceptions applying to the instrument/key/scale. metronome=120
2. Chromatic Scale: entire standard range of your instrument or the student's highest/lowest possible point of extension if the standard range cannot be played. Metronome=136
3. Perform the 45-60 second standard/audition solo, grade two or three selected by the student
4. Perform two sight-reading excerpts of varying styles/genres. Each grade level two or three excerpt is 10-30 seconds long.

Advanced Band

Advanced Band placement by audition. This is an advanced performing group.

Participation in Advanced Band is regarded as a significant accomplishment in our band program. This band generally follows the student's successful completion of Intermediate Band and/or demonstration of outcome criteria. Students are not required, but strongly recommended to participate in weekly private instruction in order to grow in and meet the skill demands of this band. Students should make every attempt to have an intermediate to advanced model instrument and mouthpiece/mallet - stick set-up. Special performance opportunities. (All students in the Advanced and Jazz Band are required to go on the Spring Performance Tour.)

Audition Criteria: *Scales are slur up, tongue down (top note repeating optional), from memory; playing as 16th notes.

1. Perform all major scales, metronome=80; two octave scales up to five sharps and five flats with isolated exceptions applying to the instrument/key/scale.
2. Chromatic Scale: entire standard range of your instrument or the student's highest/lowest possible point of extension if the standard range cannot be played; metronome=100
3. Perform a grade three or four solo, selected by the student.
4. Perform two sight reading excerpts of varying styles/genres. Each grade level 3 excerpt is 10-30 seconds long.

Jazz Band

Jazz Band placement by audition, must be a member of Advanced Band.

Jazz Band is an auditioned group that plays music in the various styles of the standard jazz repertoire. Students are held to a high standard of excellence and perform frequently in the community and at YMV. All participants must be enrolled in Advanced Band.



Popular Music Ensemble

Requirements: 3 years playing experience. Open to woodwind and brass students. Instructor approval required.

Students will learn music theory and ear training, playing popular music styles, popular music forms, jazz improvisation, rehearsal techniques, transcribing tunes, etc. It's also designed to hone students' performance skills and techniques, and have fun. Music is especially written and arranged with regard to their technical and musical abilities. (This class does not meet the music class requirement.)

World Rhythm Ensemble (formerly Percussion Ensemble)

Students learn fundamentals of reading and performing rhythm, harmony, and melody. Students will also learn how to apply music theory in song form. This exciting class uses a variety of instrumentation to support our creativity and is open to anyone who is interested in learning to improvise and express themselves through the language of music. All participants must be enrolled in a band class or private lessons.



Guitar Ensemble (This class meets twice a week.)

For acoustic or classical (preferred) guitar.
Recommended middle school to high school. Students must have at least one year experience and be able to

read music. Participants are required to take private lessons.

Chorus

Beginning Choir (Grades K5 - 2)

(Ages 5-7: Birthday cutoff September 1)



Beginning Choir Students will learn how to sing in unison and how to match pitch. Using solfège and other fun vocal exercises, music games and activities, students will learn how to read and perform rhythms and begin to learn the basics of how notes move in music. Boomwhackers and other colorful and creative instruments and accessories will be employed to bring our music to life in a group setting. These young singers will have the opportunity of performing in our Christmas and Spring concerts as well as in other various venues in our community throughout the year!

Elementary Choir (Grades 3 -5)

(Ages 8-10)

Junior Choir Students will build upon their existing musical knowledge both as individual vocalists and as members of a choir. They will learn how to joyfully blend their voices with others to create lovely unison, rounds, descants, parts and other harmonies. They will begin to sight-read music from the written score learning more musical terminology as it pertains to the songs that we are currently working on. They will also enjoy and learn from various music games and other fun activities that will further their musical knowledge while at the same time bonding them together as a group. After

all, choral singing requires lots of teamwork as well as personal precision! Students will have opportunities throughout the year to sing in our community as well as to perform in our Christmas and Spring Choir Concerts here at YMV!

Middle School Choir (Grades 6 - 8)

(Ages 11-13)

Middle School Choir Students, functioning as a vocal team, will experience the joys of being in a vibrant choir that sings in three and four part harmony! Through the use of solfege and other fun games and music activities, students will learn more about reading music and to read and recognize intervals as well as other relevant musical terminology and skills. They will learn to sight-read, and 7th and 8th Graders will have the wonderful opportunity of auditioning for District Chorus which is held in February for those who are selected. Focusing on Christian music while exploring other various musical genres, this exciting choir will perform in the community throughout the year and in our Christmas and Spring Choir Concert Events at YMV!

Concert Choir (Grades 9 - 12)

This is an advanced performing group.

This is a choir for students in grades 9-12 (high school). No audition is required. Proper vocal technique is taught, including breathing and vocal production, diction, reading music, expression and stylistic differences. The music performed is primarily sacred, but many styles and eras represented. Students have the opportunity to audition for District and State Choir events and perform in the community. Christmas and spring home concerts are the equivalent of the final exam. All students in the Concert Choir and Soli Deo are required to go on the Spring Performance Tour.

Soli Deo (High School Ensemble)

Soli Deo placement is by audition and singers must be members of the Concert Choir.

This is an auditioned ensemble of approximately 12 members. The members are held to a high level of excellence, performing music that is challenging, and performing frequently through the year, especially at Christmas time.

Strings

Suzuki Beginner Group Strings (Grades 1 - 5)

Requirements: must be enrolled in private lessons.

This class is designed for the beginning or early strings student as a supplement to their private lessons. The Suzuki method emphasizes the importance of playing in groups to develop listening skills, ensemble cooperation, and multi-tasking abilities through fun games and activities. These skills will equip them to later play in orchestras and chamber groups.

Beginning Strings (Grades 5 & up)

This is a non-auditioned orchestra for the student who is 10 years old or older. The emphasis of the class is to build a solid foundation of instrumental technique, listening skills, beginning music theory, musicianship, and appropriate ensemble conduct.

Intermediate Strings

Intermediate Strings placement by audition.

This is an auditioned orchestra for students who have successfully completed Beginning Strings, or have had at least two years of private instruction to demonstrate appropriate skills in both playing and reading. The emphasis of the class is to continue building ensemble skills, emphasizing listening, intonation, rhythm, dynamics and technique. Continued music theory and beginning music history is also incorporated into the monthly schedule.

Intermediate Audition Requirements: *Play a D or G one octave scale. *Play three 2 octave major scales (up through 2 sharps and 2 flats). *Play a prepared solo of grade 2-3 music and/ or supplemental material.

Advanced Strings

Advanced Strings placement by audition. This is an advanced performing group.

An auditioned orchestra for students who play music at grade levels 4-5. The emphasis of the class is to build upon previous years of study with particular attention to sound, articulation, intonation, bowings, technique, rhythm, and dynamics. Music theory and history are incorporated into the monthly schedule. High school students are



also eligible and encouraged to audition for the Virginia Senior Regional Orchestra each fall. All students in Advanced Strings are required to go on the Spring Performance Tour.

Advanced Audition Requirements: *Play at least one 3 octave major scale. *Play all 2 octave major scales (up through 4 sharps and 4 flats). *Play a prepared solo of grade 4-5 music. *Sight-reading.

Music

Beginning Music (K-2nd Grades)

Meeting once a week

Beginning music is an introduction to all things “music.” We will explore the basics of music using our voices, instruments, and physical activities to teach pitch, rhythm and music notation. Exploration of music history and famous composers is included as well. The student will participate in group activities that stimulate the child to learn new musical concepts in a fun environment.

Elementary Music (Grades 1 - 5)

This class meets once a week.

This is a general music education class for the older grade school student. Emphasis on and exploration of notation, reading, and performing music will be implemented on an age appropriate level using various instruments and activities. We will study music history and famous composers as well.

Theory 1 - Basics of Music

Requirements: one or more years of applied music.

Basic Traditional Music Theory to include clefs, time signatures, note values, melodic and harmonic intervals and chords, figured bass analysis and realization, scales, and modes, and transposition.



Theory 2 - Continuation of Theory 1

Requirements: Music Theory I or Instructor approval

Music Theory II is a continuation of skills in Music Theory I. In addition, skills include advanced analysis and jazz application of theory, instrumental ranges, ensembles and arranging.

Conducting

Requirements: Advanced Ensemble placement, Music Theory II (may be taken concurrently)

Basic conducting for winds and string ensembles (with choral conducting basics but not stressed). Includes basic baton techniques, beat patterns, beat style, use of left hand, cueing, score reading and analysis preparation.

Music Technology

Requirements: Some musical experience instrumental or vocal, and a love for music.

This course is designed to teach students to create and produce music using professional software and hardware. Students will participate in group and individual projects covering many musical styles. Learn music production techniques used by music industry professionals!

Private Lessons

Meeting once a week

YMV offers private instruction in all instruments based on need and availability of an instructor. We offer private lessons (30 minutes once a week) or small group ensembles. Small group ensembles depend on number of students and skill level of interested students. Grouping determination and format for small groups are made by each individual teacher.

Instruction consists of the fundamentals of the instrument and introduction to different styles of playing according to the instrument. Students learn ear training and sight reading skills, basic music theory applications and enhancements. Good practicing skills are taught and emphasized.

Students are encouraged to participate in recitals each spring. Our monthly "Luncheon Concert" gives students a chance to perform on a volunteer basis.

Many private lessons continue over the summer. Check with the individual instructor to set up a schedule. Students wishing to take lessons over the summer, but are not part of the regular YMV program, may register just for the summer session.

Academic Classes

In addition to the wonderful musical opportunities at YMV, we offer tutorial courses in high school level academic classes. These courses are available to anyone in the family as long as one member of the family is enrolled in a music course.

Academic classes require a one year commitment including financially. The student receives basic instruction and tutoring in the group 2 days a week. The parent oversees assigned work and monitors study schedules at home on the other days of the week. Grades are given every 8 weeks by the instructor for high school classes. Grade cards will include a space whereby the parent may give a grade based on discipline in work done at home. The cards will be returned to the teacher. At the end of the year, it becomes part of the family permanent record. Not all classes are offered every year.

Language Arts

Introduction to Literature & Expository Writing (Middle school-9 Grade)

This is a rigorous course that explores the world of words through reading and writing, taught with a Christian worldview. Students will write **regularly** with weekly expository writing assignments, required journal prompts, as well as reading assignments and thought questions. The writing portion of the course begins with the basics of outlining, summarizing and paraphrasing, and developing the skill of answering essay questions, then moves into the variety of structures for paragraphs, then essays. The literature portion of the course will introduce students to the study of literary elements and devices through classic poetry, essays, short stories, and novels across a variety of genre. Grading will be based on completing assignments, vocabulary and literature tests, class participation, and on each student showing improvement in their writing skills over the course of each term. **Students will need access to the internet for Google Classroom**

American Literature (Grades 10-12)

Prerequisites: Writing Fundamentals, placement test, or instructor permission.

This course continues to hone comprehension and writing skills as students study the classics of American Literature. Students will explore both the themes in literature and the tools writers used to achieve their purposes. Discussions will center on how the writing of a period is a history of that society – a mirror reflecting its religious, social, economic and political morals

and more. Writing challenges focus on identifying themes and supporting assertions through organized references to the text. This course will sharpen skills in research, analysis and assimilation.

British Literature (Grades 10 - 12)

Prerequisites: Writing Fundamentals, placement test, or instructor permission.

This course continues to hone comprehension and writing skills as students study the classic literature of the British Isles. Students will explore both the themes in literature and the tools writers used to achieve their purposes. Discussions will center on how the writing of a period is a history of that society – a mirror reflecting its religious, social, economic and political morals and mores. Writing challenges focus on identifying themes and supporting assertions through organized references to the text. This course will sharpen skills in research, analysis and assimilation. All major literary periods are represented.

Public Speaking (High School)

Pre-requisite: Expository Writing course

This course is designed to assist students in preparing for a variety of situations in which they may be called upon to speak: from prepared poetry or Scripture reading, to running a group project or study, from TED talks and elevator pitches, to remarks before city council or expository oral reports. The history of public speaking, rhetorical devices, great speeches from history, and audience evaluation are covered from a Christian worldview. All types of speaking are taught with an emphasis on good delivery techniques. Students will be expected to write speeches and presentations, practice at home – a LOT, and speak/present in class regularly. Grades will be based on term tests, completing assignments, class participation, and showing improvement in their speaking skills over the course of each term

Student will need access to the internet for Google Classroom, and a device with video capability.

Math

Math Skills (Grades 5 - 7)

The student will practice basic math skills such as fractions, percents, decimals, and other mathematic functions with practical applications to prepare students for pre-algebra.

Pre-Algebra

Prerequisites: Must be able to add subtract, multiply and divide fractions, decimals and percents with precision.

Review of basics; conversions of measurement, basic geometry of plane figures and volume; exponents and roots, proportions; operation of signed numbers; basic equations; probability.

Algebra I

Prerequisites: Successful completion of pre-algebra. Conference and/or pretest with instructor may be advised.

Rational numbers and their applications; equations and inequalities; polynomials; factoring; rational expressions; functions and graphs; systems of equations; basic quadratics. Students must have a scientific calculator.



Algebra II

Prerequisites: Successful completion of Algebra I. Conference and/or pretest with instructor may be advised.

Advanced equations and inequalities; linear relations and functions; systems of equations and inequalities; polynomials; irrational and complex numbers; quadratic equations; quadratic relations and functions; polynomial functions, rational polynomial expressions; exponential and logarithmic functions (if time permits.) Students must have a scientific calculator.

Geometry

Prerequisites: Successful completion of Algebra I. Conference and/or pretest with instructor may be advised for new students.

Inductive and deductive reasoning; parallels; triangle congruency; quadrilaterals; similarity; basic trigonometry as applies to triangle measurement; circles; polygons; surface area and volume; coordinate linear equations. Students must have a scientific calculator.



Pre-Calculus

Prerequisites: Successful completion of Algebra I, Algebra II, and Geometry.

Advanced equations and inequalities; relations, functions, and graphs; polynomial and rational functions; exponential and logarithmic functions; trigonometric functions; trigonometric identities, inverses, and equations;

applications of trigonometry; systems of equations and inequalities, and matrices; geometry and conic sections. Students must have a scientific calculator.

Personal Finance (One semester course)

Using *Foundations in Personal Finance*, a Dave Ramsey Curriculum, learn how to manage your money. This curriculum focuses personal finance knowledge and life skills in a student-centered, competency-based approach to learning. This course does not substitute for math credit.

Social Studies

Middle School History and Geography (Grades 6 - 8)

Incorporating history and geography, students explore events from Creation to the present within a geographical context. During the course, students will practice cartography, research historical events, and participate in presentations during class. The course will alternate between World History/Geography and U.S. History/Geography on a yearly basis.

World Geography (High School)

“In 2014, the Washington Post polled Americans about whether the United States should engage in military intervention in the wake of the 2014 Russian invasion of Ukraine... only **one in six Americans—and fewer than one in four college graduates**—could identify Ukraine on a map. Ukraine is the largest country entirely in Europe, but the median respondent was still off by about 1,800 miles.” Tom Nichols, U.S. Naval War College, Harvard Extension School
World Geography is a rigorous course exploring the world, continent by continent, from a Christian worldview. Students will learn political boundaries, physical geography, and an overview of the human history of each continent. Students will use or develop a variety of study skills to master the material in this class. Grades will be based on unit tests, mapping tests, Culture Briefings (written reports), class participation, and weekly current event journal entries. Final exam is cumulative. (*Honors work available for students with teacher prior approval.*)

Student will need access to the internet for Google Classroom.

United States History (Grades 9 - 12)

This survey course of United States History will give students a solid foundation of knowledge about the heritage of our country. Students will develop an understanding of America's history, including the biblical foundations for its establishment and historical influences that established the founding era and following generations.



U. S. Government (Grades 11 - 12)

Prerequisites: U.S. History

This survey course of American Government is a study applicable to interpreting the pertinent information needed to form an understanding of who we are as U.S. citizens and the rights we possess under the guidelines of the U.S. Constitution. This class will give the student an excellent foundation to be leaders in today's society. God has given us a heritage to be proud of. Course will include: study of the English Constitution, Magna Carta, forming of the U.S. Constitution, federalism, capitalism, democracy, review of major cases over past 100 years, and current constitutional issues before the Supreme Court.

World History (Grades 9 - 12)

This survey course of World History will take students from creation to present. Students will examine ancient civilizations through the Greeks to the Roman Empire, and survey India, Asia, and Africa on their way to the Middle Ages, the Renaissance, and the Reformation, upon which modern history is founded. Students will be challenged to discover the forces, issues, people, and movements that have shaped our modern world through a Christian lens.

Science

YMV uses the Apologia Curriculum for all Science Courses.

Elementary Science (Grades 4 - 6)

Students will be introduced to the exciting world of chemistry and physics. Class will be on Tuesdays with a Friday lab once a month.

General Science (Grades 7 - 8)

This course is designed to be a student's first systematic introduction to the sciences. Students will learn what science is and how to utilize the scientific method as well as how to record data and graph it. The basics of Chemistry, Physics and Biology are explored preparing students for further study of

those subjects in high school. There is also a large component of Earth Science (modules include astronomy, meteorology, oceanography, earth study, geology, paleontology, and environmental science) to give students a great foundation of that broad field of study. Experiments are completed for each module and students will learn how to write a formal lab report. Students will be expected to master the course material in preparation for regular tests. These study skills are challenging but essential for high school and beyond.

Physical Science (Grades 8 - 9)

This course gives a student a good foundation to tackle the upper-level sciences. The text discusses atomic structure, periodic table, chemical bonds, reactions and energy, motion, forces, energy, waves and sound, light, electricity and magnetism, and Earth's structure, weathering, and atmosphere. Students will conduct controlled experiments where they observe a problem, ask a question, formulate a testable hypothesis, and then conduct the experiment and analyze the data to see if their results support their hypothesis. They will learn to write formal lab reports, graph data and analyze the results. Students will calculate solutions to word problems using scientific formulas. (Knowledge of pre-algebra is recommended.) There are regular tests to assess students' mastery of the material and this is an excellent course for preparing the student to take college-prep high school science courses.

Biology (Grades 9 - 12)

Prerequisites: Physical Science

This course is designed to be the student's first high school science course. Typically, we recommend that the student take this course during the same year that he or she is taking Algebra 1. *Exploring Creation with Biology* is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. Please note that this course contains only a small discussion of human anatomy and physiology. Most college biology professors do not consider it to be a part of a solid, college-prep biology course. Human anatomy and physiology is such a detailed subject that it merits an entire high school course (see our advanced biology course). Students who take and understand this course will be very well-prepared for a tough university biology course. Labs include microscope work, experiments and dissection.



Advanced Biology: Anatomy & Physiology (Grades 10 - 12)

Prerequisites: Students need to have completed one year of high school biology before taking this advanced biology course.

Introductory high school college prep advanced biology course provides detailed introduction to the 11 systems that comprise the human body. Heavy emphasis is placed on vocabulary in advanced biology. This course builds on previously learned methods. Labs will include cellular inspection of organs through dissection culminating with application of learned theories during fetal pig dissection. **Please note: the reproductive system is covered in detail, including frank (not pornographic) illustrations and descriptions.**

Chemistry (Grades 10 - 12)

Prerequisites: Algebra I; Physical Science, Biology

Exploring Creation with Chemistry provides a detailed introduction to the methods and concepts of general chemistry, as well as a multitude of chemistry lab experiments that develop the concepts further the student taking this course should be proficient at an algebra math level. Topics include significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and basics, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, gas laws, and equilibrium. Experiments include measuring specific heat, discovering the electrical conductivity of compounds dissolved in water, measuring the width of a molecule, exploring freezing, point depression, using the ideal gas equation, recognizing the effects of catalysts, and much more.



Physics (Grades 11 - 12)

Prerequisites: Algebra II, Geometry or Trigonometry; Chemistry

This college-prep physics course is designed for the student who has some experience with trigonometry. *Exploring Creation with Physics* provides a detailed introduction to the methods and concepts of general physics. Heavily emphasizing vector analysis, this text is ideal preparation for a university-level physics course. It provides the student with a strong background in units, measurement, one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. In order to be able to understand this text, the student needs to be comfortable with the sin, cos, and tangent functions along with their inverses.

Foreign Language

All Foreign Language classes are high school level courses and count as high school credit unless otherwise stated.

Middle School Spanish (Grades 6 - 8)

By beginning language at an earlier age, the student will have a better command of vocabulary. Middle school Spanish focuses on listening, speaking, some reading and writing, grammar and Hispanic culture. This course is not for high school credit.

Spanish I, II, III (Grades 9 - 12)

Spanish I and II seeks mastery of listening, speaking, reading, writing, and grammar. Hispanic culture areas are studied and spoken Bible passages for reading (pronunciation) and understanding are included. The goal is to be able to fluently communicate and use their knowledge to share the Gospel.

French I, II, III (Grades 9 - 12)

Students will learn the skills of listening, speaking, reading and writing, grammar, and French culture. Effective communication is emphasized. Spoken Bible passages in French will be incorporated for listening and understanding.



The Arts

Middle School Drama (Grades 6 - 8)

This is an introductory course that focuses on acting techniques and the fundamentals of performance. Students will learn various aspects of performance production, including costuming, set design, and stage management. Students will perform in both the fall and spring productions.

High School Drama (Grades 9 - 12)

This class is geared toward older students with a desire to participate in an intense study of drama with a focus on



developing the mature actor. All students in this class are required to perform in the fall and spring productions.

Early Elementary Art, Ages 5-7 or K-2 Grade

Middle Elementary Art, Ages 7-9 or 2-4 Grade

Upper Elementary Art, Ages 9-11 or 4-6 Grades

YMV's oldest elementary artists will effectively use the Elements of Art and Principles of Design while experiencing many different types of art mediums. Art inspired by literature, seasonal and holiday art, famous artists, cultural arts, and the natural world will be utilized over the course of the year. Students will participate in an end-of-year art show and will keep a portfolio of their work. This class is loosely graded so each child can work within an ability grouping that fits them best. Class is limited to 8 students.

Exploring Art, Middle School (Grade 6-8)

Prerequisites: *must be 12 years old by start date

Middle School students will be introduced to and become familiar with the Elements of Art and the Principles of Design, master artists in history and cultural people groups. A variety of art projects which allow a broad exploration of materials. Students will keep a portfolio of works completed and participate in the end-of-year art show. Class is limited to 8 students.

High School Painting: Watercolors (Grade 9-12)

Prerequisites: *geared for students 15 and up, a moderate level of drawing ability is helpful

Watercolors will give students the very basics and a firm foundation in watercolor techniques, tools and classical media. Understanding the elements and principles of art, as well as learning how to see with an artist's eye will give them a springboard from which their creativity will be able to flourish and thrive! Course covers color theory, watercolor and gouche techniques using master works as inspiration.

Independent Art (Grade 11-12)

Prerequisites: Prior art classes/art experiences required. Student and parent must meet with and be approved by Mrs. Council.

Juniors and Seniors ready for a more individualized and intensive art class, and those interested in pursuing Visual Arts in college will apply knowledge from previous years of experience to original works of 2D and 3D art based on broad topics provided by the teacher. Students will have weekly sketchbook

assignments, build a portfolio and organize and hold a personal art show. This is for self-motivated students who can work independently.