

MARANATHA CHRISTIAN SCHOOLS  
CURRICULUM  
**GUIDE**

*Junior and Senior High School 2024-2025*

*A Ministry of Maranatha Chapel*

*Est. 1991*



[www.maranathachristianschools.org](http://www.maranathachristianschools.org)

# WELCOME MESSAGE



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Welcome to Maranatha Christian School's Junior High and High School. We are genuinely thankful for the privilege and opportunity to participate in educating your children along with caring for their spiritual needs. We have established a rigorous college preparatory program that meets the academic needs of your child, while providing a diverse range of courses in the arts along with interscholastic opportunities. Partnering with parents, we can provide an experience that will equip students with the tools they need to reach their academic potential as they grow spiritually in their relationship with Jesus Christ. We believe that God has called us here for that purpose above all others.

We trust this school year will be very rewarding both academically and spiritually for you and your child(ren). We invite you to pray for our students and the school staff as we work together with you to equip young men and women for service to our Lord Jesus Christ and the communities where they reside.



# STATEMENT OF FAITH

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**We believe** in one God, eternally existing in three persons: Father, Son, and the Holy Spirit.

**We believe** that Jesus Christ, the Son of God, is fully God and fully man, having been conceived of the Holy Spirit and born of the Virgin Mary. He died on the cross as a sacrifice for our sins; He arose bodily from the dead and ascended to heaven, where, at the right hand of God the Father, He is now our High Priest and Advocate. Our supreme desire is to know Christ and to be conformed into His Image by the power of the Holy Spirit.

**We believe** the Bible, God's Holy Word, is our foundation. Therefore: it is authoritative as the rule of faith and is the standard for living.

**We believe** worship is Spiritual. Therefore: we remain flexible and yielded to the leading of the Holy Spirit to direct our school.

**We believe** worship of God should be inspirational. Therefore: music is an integral part of our spiritual development.

**We believe** worship of God should be intelligent. Therefore: chapel services and education programs are designed with great emphasis on the teaching of God's Word.

**We believe** worship of God is fruitful. Therefore: we look for His love in our lives as evidence that we have truly been worshipping Him.

As a church sponsored school, we neither support nor do we oppose other denominations. We do not agree with the overemphasis of the doctrinal differences that lead to divisions in the Body of Christ. We believe that the true basis for Christian fellowship is God's [Agape] love, which is greater than the differences we possess and without which we cannot claim to be Christians.

# MCS MISSION STATEMENT

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Maranatha Christian Schools is a Christ-centered learning community where students experience God's love, are equipped to fulfill God's unique call and purpose, and excel in their God-given potential through academics, arts, and athletics.

## CORE VALUES

As we experience God's unique love for us, we learn to love one another and to:

**Live Biblical Truth:**

Holding to and living out the unchanging Word of God in an ever-changing world (Matthew 24:35)

**Honor Relationships:**

Valuing and cultivating relationships, recognizing everyone's unique role in the body of Christ (1 Corinthians 12:25-26)

**Model Sonship and Servant Leadership:**

Living as God's sons and daughters and leading by Christ's example as shepherd, placing the interests of others before our own. (Romans 8:14-17, 1 Peter 5:2-4)

**Seek Unity:**

Pursuing oneness of spirit through humility and selflessness, as Christ modeled for us (Philippians 2:2-11)

**Pursue Excellence:**

Whole-heartedly seeking excellence in everything (Colossians 3:23)



# **MCS SCHOOLWIDE LEARNING GOALS**

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## **MCS Eagle Students will S.O.A.R**

- **S**ervant Leaders who are
- **O**ne in Christ
- **A**chieving Excellence in
- **R**eaching the World through:
  - Critical Thinking
  - Communication
  - Collaboration
  - Creativity

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## **INTRODUCTION**

### **Welcome to MCS**

Welcome to MCS. We have been praying for you and waiting for your arrival. There is so much that God has planned for your life both educationally and spiritually. As you continue on your educational journey, the path that God has for you is clear and planned. And, we know that MCJHS and MCHS can help you be the man or woman God has always designed you to be. Your course selection is just a part of the overall design for your life. As MCS students, we pray that you find adventures around every corner, continue to be lifelong learners, grow up to be world changers and forever be disciples of Christ. Have a great year.

## **LETTERS TO OUR STUDENTS**

### **Junior High School**

Dear Students,

Welcome to junior high! We are honored that you are choosing to continue your education with us. Even though the educational path that is laid out before you seems difficult, know that the staff and administration are praying for you to conquer the achievements that await you. We know the course selection that is laid out for you will allow you to grow as a student in many areas. Your years at Maranatha Christian Junior High School are some of the most important foundational years of your life. And, we know you will develop skills that will last a lifetime. We pray you grow in your excitement for the Lord while learning the subjects and concepts that He created. Remember, there is always something to learn and someone to learn it from.

### **High School**

Dear Students,

Welcome to high school! Discerning the right classes and the right schedule for the right reasons is an important, difficult, and sometimes complex process. The selection of courses requires your careful navigation, a considerable amount of time, and conversations with your parents, teachers, administrators, and guidance counselor. The time you focus on your courses in light of your goals, will be time well spent. Your years at Maranatha Christian High are critical in your development academically, spiritually, socially and physically. These are times when you develop particular attitudes and skills that will last a lifetime. Maranatha Christian High School hopes to give you an excitement for learning, a joyful enthusiasm for serving God, the desire to grow in maturity, wisdom and ethical sensitivities, as well as the realization of an appreciation for your own and other's dignity, your talents and gifts and personal uniqueness. As you review next year's program, please consider the many, varied and exciting opportunities available and how these will bring out the best in you. Remember, there is no "perfect" schedule; there is, however, a schedule that matches up well with your talents, your commitments and your future goals.

# LETTER TO OUR PARENTS

Dear Parents and Families,

This Curriculum Guide has been designed to help you take an active role in planning your child's academic program. It includes important information and tools that will guide you through this next school year and beyond. It includes information to aid you in understanding the courses that are offered at the junior high foundational level to the high school requirements that satisfy graduation requirements based on the University of California system. If you are in junior high or high school, please discuss the course options with your son or daughter before selecting classes for next year. Your discussion should take into account the following:

- Being prepared for high school.
- Post high school academic goals.
- An examination of the suggested coursework for graduation or university system admittance as provided in this Curriculum Guide.
- An evaluation of the progress made toward graduation or toward the completion of the required courses related to the college or university of your choice.

High School class eligibility is determined by using grades in applicable prerequisite classes, Stanford Achievement Tests and Administrator recommendations. We encourage all parents to utilize the features on ParentsWeb which is a powerful tool to help you monitor progress, communicate with instructors and provide a self-management tool for your students in their classes. Check the following link for more information about your ParentsWeb login. We hope that this information makes the process of choosing classes a smooth one.

God Bless You!

MCS Administration

# REQUIREMENTS

## Maranatha Christian Junior High School

Maranatha Christian Junior High School is a Christian school and promotes Christian values through its academic program. All students are required to take Bible classes and attend weekly chapels. The course of studies prepares students for academic success in high school and college. It is a reflection of California State and Common Core Standards, university requirements and prerequisites, and individualized programs of study. The curriculum is designed to develop academic skills and to foster inquiry, creative and a love of learning:

Grade 6 Required Courses	Length of Study
<b>Bible: New Testament</b>	<b>One Year</b>
<b>Textbook:</b> Deep Roots- <i>Life of Christ, Epistles, Revelation</i>	
<b>English 6</b>	<b>One Year</b>
<b>Textbook:</b> Easy Grammar, Common Lit, novels like <i>The Lion, the Witch, and the Wardrobe, A Father's Promise, In the Year of the Boar and Jackie Robinson, The Westing Game</i>	
<b>Science 6</b>	<b>One Year</b>
<b>Textbook:</b> Savvas Elevate Science Course 1	
<b>Math 6 or PreAlgebra</b>	<b>One Year</b>
<b>Textbook:</b> Big Ideas Math	
<b>Ancient History</b>	<b>One Year</b>
<b>Textbook:</b> Bob Jones University Press Heritage Studies- Ancient Civilizations	
<b>Physical Education</b>	<b>One Year</b>
<i>no textbook</i>	

Grade 6 Electives	Length of Study
<b>SOAR-</b> Student study skills (required)	<b>One semester each</b>
<b>Intro to Computers</b> (required)	<b>One semester each</b>
<b>Performing Arts:</b> band, choir, drumline (optional)	<b>One Year</b>

Grade 7 Required Courses	Length of Study
<b>Bible: Christian Worldview</b>	<b>One Year</b>
<b>Textbook:</b> Summit Ministries: The Christian Worldview	
<b>English 7</b>	<b>One Year</b>
<b>Textbook:</b> Easy Grammar, Common Lit, novels like <i>Where the Red Fern Grows</i> , <i>A Christmas Carol</i> , <i>The Hobbit</i> , <i>Tuck Everlasting</i>	
<b>Science 7</b>	<b>One Year</b>
<b>Textbook:</b> Savvas Elevate Science Course 2	
<b>Math 7 or PreAlgebra or Algebra I</b>	<b>One Year</b>
<b>Textbook:</b> Big Ideas Math	
<b>World History</b>	<b>One Year</b>
<b>Textbook:</b> Bob Jones University Press Heritage Studies- Ancient Civilizations	
<b>Physical Education</b>	<b>One Year</b>
<i>no textbook</i>	

Grade 8 Required Courses	Length of Study
<b>Bible: Christian Worldview</b>	<b>One Year</b>
<b>Textbook:</b> Textbook: Purposeful Design Publications- To the Ends of the Earth	
<b>English 8</b>	<b>One Year</b>
<b>Textbook:</b> Easy Grammar, Common Lit, novels like <i>The Hiding Place</i> , <i>The Outsiders</i> , <i>Voyage of the Dawn Treader</i> , <i>The Diary of Anne Frank</i> , <i>A Long Walk to Water</i>	
<b>Science 8</b>	<b>One Year</b>
<b>Textbook:</b> Savvas Elevate Science Course 3	
<b>Applied Math or Algebra I or Geometry</b>	<b>One Year</b>
<b>Textbook:</b> Big Ideas Math	
<b>World History</b>	<b>One Year</b>
<b>Textbook:</b> Bob Jones University Press Heritage Studies- World Studies	
<b>Physical Education</b>	<b>One Year</b>
<i>no textbook</i>	

<b>Grades 7 and 8 Electives</b>	<b>Length of Study</b>
Art *	<b>One Semester</b>
Stagecraft *	<b>One Semester</b>
Broadcasting *	<b>One Semester</b>
Speech and Debate	<b>One Semester</b>
Ocean Discovery	<b>One Semester</b>
Entrepreneurial Expedition	<b>One Semester</b>
PLTW Magic of Electrons	<b>One Semester</b>
PLTW Design and Modeling	<b>One Semester</b>
PLTW App Creators	<b>One Semester</b>
PLTW Medical Detectives	<b>One Semester</b>
Digital Literacy	<b>One Semester</b>
Choir *	<b>One Year</b>
Drumline *	<b>One Year</b>
Band *	<b>One Year</b>
Publication Productions *	<b>One Year</b>

\* denotes course satisfying fine arts elective completion

Students are required to complete one semester of SOAR (6th grade), one semester of computer class (6th grade), and a minimum of one semester of a fine art.

# REQUIREMENTS

## Maranatha Christian High School

A MCHS student will need a minimum of 250 credits to graduate. Five credits are given for successful completion of each semester course. Students who have transferred to MCHS from another high school will have their transcripts evaluated on an individual basis. For transfer students, accelerated credit for AP or Honors classes taken at other schools will be given accordingly after an evaluation of the incoming transcript. Freshmen, Sophomores, and Juniors must maintain six classes each semester, while Seniors must maintain a minimum four. Graduation requirements are based on the UC A-G requirements (corresponding letter is shown below with the minimum credit threshold). See [here](#) for most current UC A-G Requirements.

Requirement Subject	Requirement Credits
A. World History	10
A. US History	10
A. Government and Economics	10
B. English	40
C. Math	30
D. Lab Science- Biology	10
D. Lab Science- Chemistry or Physics	10
E. Language Other Than English	20
F. Visual/Performing Arts	10
G. College Prep Elective	10
Physical Education	20
Bible	40
Additional Electives	30
<b>Total Credits</b>	<b>250</b>

\* A-G is the minimum. Several courses are recommended beyond that. Please see the [MCS 4 Year Planning Guide](#) for more information.

\*\* Students must pass Algebra II to graduate.

\*\*\* Students will receive physical education credits for any Maranatha Christian High School sponsored sport in which the student participates. Each season of an interscholastic sport is equivalent to one semester and is graded on a pass/fail basis.



# COMMUNICATION

## For MCS Families

### FACTS Family Portal

MCS considers it a priority to communicate with parents regarding their student's academic progress. ParentsWeb is a valuable tool that allows parents and students to be connected in the academic process and make informed decisions correlated to their student's specific needs. Parents and students are strongly encouraged to establish a ParentsWeb login and make it a priority to utilize this as a significant source of information on: class grades, report cards, progress reports, behavior, and attendance.

#### First time user instructions:

- Go to [www.maranathachristianschools.org](http://www.maranathachristianschools.org)
- Choose: Your division
- Select the ParentsWeb tab (add a "bookmark" in your computer at this step)
- Select First Time User tab
- School ID: MAR-CA
- Email: Email on file with the school
- Select New Parent Login and/or New Student Login Check your email for your password.
- Call the admissions office if you have any questions

### ParentSquare

ParentSquare is a school-wide communication tool used for general information such as sign ups, announcements, reminders, and resources. All parents should have an account after enrollment, which they can customize notifications via email or text, and timing of delivery.

# ACADEMIC GUIDELINES

## For MCS Families

### Schedule Changes

Schedule changes may be requested during the add/drop periods only. All requests must be approved by the academic advisor or respective division principal. Changes may be made without penalty, through the second week of each semester, also known as the add/drop period. Follow these instructions to request a schedule change:

1. Students must fill out a "Schedule Change Request" form available with the guidance office.
2. Requests to ADD or DROP courses will only be accepted with the written consent of the student's parents. The Guidance Office will review all requests and approve or decline the request. All other requests will be reviewed by administration.
3. Requests will begin to be processed within 24 hours, and it is the student's responsibility to check the status. If approved, the student will receive an email with further directions. The student must continue attending classes as scheduled until they receive the confirmation of their request. Failure to do this may result in the student receiving a truancy. Requests should be limited to one per semester.

### Course Drop Guidelines and Penalty

Students who wish to drop classes need to follow the same procedure as listed under class schedule changes. When courses are changed or dropped after the add/drop period, the following occurs:

#### **Withdraw: Grade of "W"**

A course dropped at the beginning of the third week of each semester, but no later than the end of the eleventh week of the semester will receive a grade of "W", which will not affect the student's GPA but will appear on the student's transcript.

#### **Withdraw Fail: Grade of "WF"**

A course dropped on or at the start of the twelfth week of the semester or beyond will receive a grade of "WF" and will affect the student's GPA and appear on the student's transcript.

### Grading Scale

The following are the numerical grade ranges which are used to calculate letter grades.

A+	98-100	C+	77-79	F	below 60
A	94-97	C	74-76		
A-	90-93	C-	70-73		
B+	87-89	D+	67-69		
B	84-86	D	64-66		
B-	80-83	D-	60-63		

#### **Incomplete: Grade of "I"**

A grade of "I" is intended for use when circumstances beyond a student's control prohibits taking the final exam or completing course work. The incomplete is not intended as a mechanism for allowing a student to retake a course. A student who has fallen substantially behind and needs to repeat a course can drop the course prior to the tenth week of class or of the semester.

### **Missing: Grade of "M"**

A grade of "M" is used for work that a student is missing due to absence or other need and is calculated as a zero. This grade is replaced when the student's work is submitted and the teacher has graded it.

## **Grade Point Average as Calculated for High School**

AP (Advanced Placement) and Honors grades are calculated in the GPA with an extra point, as long as the grade is a "C" or above. Students entering MCHS with AP and honors classes from previous schools will receive credit based on a transcript evaluation from the previous school.

- Academic Scale                   4, 3, 2, 1, 0
- AP/Honors Scale                 5, 4, 3, 1, 0

The above GPA scale will affect the weighted GPA.

Transcripts reflect the following GPAs. Report cards reflect weighted and unweighted GPAs for both semester and cumulative grades.

**Total GPA (weighted, all grades)** – This GPA is displayed on each report card and transcript. It is calculated to both include grades for all classes in the current grading period (report card specific) and the cumulative GPA. It is used to determine sports eligibility as defined by the California Interscholastic Federation (CIF), which requires students to maintain a 2.0 minimum GPA and have no F grades to be eligible for Interscholastic sports. The semester GPA is also used to determine Honor Roll, Principal's Award and Academic Probation.

**Total UGPA (unweighted, all grades)**- This GPA is displayed on both the report card and transcript. It is calculated using the academic scale (shown above) and is unweighted, and includes grades for all classes in the current grading period (report card specific) and the cumulative GPA.

**Academic GPA** – This GPA is displayed on the transcripts for internal and external reports. It is calculated to include only academic courses in the cumulative period from tenth to twelfth grades..

## **Progress Reports and Report Cards**

The school year is divided into two 18-week semesters. MCS offers parents and students detailed gradebook progress reports anytime via ParentsWeb. Parents are strongly encouraged to visit ParentsWeb to stay updated on their student's academics and detailed progress. As an added convenience, MCS will email the following grade reports:

**Progress Reports** - Your student's grades are cumulative up to the end of the semester. MCS will email progress reports every week. This same information is available "live" and in detail through ParentsWeb any day during the semester.

**Report Cards** - These are emailed at the end of the semester and are the final grades which also become part of your student's permanent record. These are the grades that will ultimately determine junior high promotion, high school graduation, course credit, and high school transcript which will be used for college admissions.

**6-week and 12-week Grading Periods:** These grading periods are used for the determination of academic eligibility for sports and extracurricular activities. Students must maintain a 2.0 and above and have no Fs for these grading periods to maintain eligibility.

## Honor Roll

At the completion of each semester, students who have a Total GPA of 3.5 or higher will be listed on the Honor Roll. Students who have a Total GPA of 4.0 or higher will be honored by the Principal's Award.

## Academic Eligibility

At each 6 week progress mark (Progress 1, Progress 2 and end of Semester for both semesters), students are assessed for probationary status as follows:

**Academic Probation:** A student who has an F on their progress report, or is under a 2.0 for the progress period for the FIRST time. Academic Probation is a warning that grades must improve by the end of the next 6 week grading period in order to avoid Academic Ineligibility.

**Academic Ineligibility:** A student who has an F on their progress report, or is under a 2.0 for the progress period for the SECOND time consecutively. This student may not attend athletic practices or games, and may be removed from other extracurricular activities (performing arts, school events) based on Principal recommendation. A student can only be cleared from academic ineligibility through meeting academic requirements (no F's, 2.0 or above) by the next academic progress period.

Exceptions can be made for students who have extreme extenuating circumstances, including extended illness. This is only upon the approval of the department Director and/or Principal.

## Grade Remediation

Any student who receives a grade of D or F may remediate the course during the regular school year or in summer school, if offered. The original letter grade will remain on the transcript, but will not be calculated into the GPA. The new grade will be added to the transcript and factored into the student's GPA; credit will not be given twice for the same course.

Students may utilize off-site courses to remediate grades (up to 20 credits, see "Off Site Courses" below). Any off-site courses must be approved by the MCS College and Guidance Department prior to enrollment in the course.

## Off-Site Courses

The following are the guidelines used for determining off-site courses:

- Require departmental approval and must be through an accredited outside school
- 20 credits allowed during high school career
- Acceptable reasons: remediation, advancement, course not offered at MCS
- Once final transcript is received from school of attendance, course will be placed on MCS transcript under the school of record

## HS Level Classes Taken In Junior High

High school level courses taken in grades 6-8 are taken for advancement purposes only. The credits and grades earned in junior high are not applied to a student's high school transcript.

# MARANATHA EAGLE ACADEMY

## A Satellite Program

### Eagle Academy Guidelines

All home schooled students requesting classes at MCJHS or MCHS must be enrolled in our Eagle Academy Program (EA). After determining grade level availability, an EA student may complete the enrollment process (if the student is new to MCS). Once transfer students have been accepted or a new student completes enrollment, the student begins working with the EA Department to schedule all on campus classes as well as curriculum for all home taught courses. Curriculum for home taught courses is selected from our Approved Curriculum List that has been developed with our Director of Academics to include standards and goals that align with our on campus courses. If an EA student chooses to outsource a home taught course through an accredited school or homeschooling vendor, they also must select from the ones listed on the Approved Curriculum List to ensure the material taught replicates that of what our on campus students will be learning. If an EA parent wishes to use a curriculum or vendor that is not on our Approved Curriculum List, they provide the details and the EA Coordinator and Director of Academics review and either accept or deny the curriculum request. All EA students must be in school uniform while on campus. As all MCS students, EA parents will receive weekly grade checks via RenWeb for on campus courses, as well as progress period reports and semester report cards.

### MCJHS And MCHS Athletics & Extra Curricular Activities for Eagle Academy Students

Eagle Academy students can participate in all extracurricular activities MCS has to offer, at both the junior high and high school levels. Such activities include: CIF athletics, Performing Arts, annual retreats, weekly chapels, pep rallies, dances, and clubs. All Eagle Academy students have the option to participate independent of how many on campus classes they take. Registration fees for all extracurricular activities apply and grades are reported to the Athletic Department every 6 weeks to ensure EA students' eligibility. Late grade reporting will result in inability to participate.

**School Sponsored Trips** – JH trips usually have some course related advance material. If an EA student isn't enrolled in the respective on campus class, they are not required to attend the trip. However, EA students are able to participate in all school sponsored trips.

# COURSE TYPES

## Course Variety at MCS

As you read through the curriculum guide it is important to understand the differences between the levels of courses offered. All students are encouraged to prepare for four-year college admission. Students who are planning on attending a four-year college directly from high school should consider Honors or Advanced Placement courses where appropriate. Colleges look for students who challenge themselves and have been successful. Course eligibility is determined by grades earned in prerequisite classes, standardized testing, and/or Administrator/teacher recommendations. Consult with our College & Guidance Department for specific course selections.

### Junior High Promotion

Courses with this designation meet the minimum promotion requirement for MCJHS. Certain courses with this designation are available only by Administrative recommendation.

### Graduation Requirement

Courses with this designation meet the minimum graduation requirement and are specific to MCHS.

### College Prep

Courses with this designation represent the MCHS standard level for graduation. These courses are the minimum course level required for admission to a 4-year college directly from high school.

### Honors

These courses are intended for students who meet the prerequisite qualification and have successfully passed the required summer assignment. Students can expect to cover more material than the non-Honors college prep class. It will require more writing and additional reading. Students who earn a minimum of a C grade will receive accelerated high school GPA credit which will be reflected in the weighted GPA.

### Advanced Placement (AP)

These courses are the equivalent of an entry-level college course. Students will be required to meet the prerequisite qualifications for the class and successfully pass the required summer assignment. Students are required to take the AP Exam in May. Students who receive a score of 3, 4, or 5 may be eligible to receive college credit. Students who earn a minimum of a C grade will receive accelerated high school GPA credit, which will be reflected in the weighted GPA. Most AP courses require strong written communication skills, which is supported by the English prerequisite.

### Off-Site Courses

### Course Eligibility

Course eligibility to determine by grades earned in prerequisite classes Stanford Achievement Tests and or Administrative approval.

# COURSE DESCRIPTIONS

## BIBLE

### Department Philosophy:

"Now when they saw the BOLDNESS of Peter and John, and perceived that they were UNEDUCATED, COMMON MEN, they were astonished. And they recognized that they had been with JESUS." - Acts 4:13 ESV -

- We are college preparatory, redefined - Our goal is nurturing our students' Faith in God and equipping them for the world beyond the MCS atmosphere. Our goal is to prepare their hearts to own their Faith while fostering discernment in regards to the issues of the world, ensuring they are well-rounded individuals ready to navigate life's challenges with spiritual confidence and integrity.
- We aim for excellence, no matter the mess - Our excellence is defined in doing our very best in growing our student's spiritually. To nurture their faith, to walk with them in the spiritual growth journey and to give opportunities for our students to ENCOUNTER God. We acknowledge the mess of our human lives, we aim to shepherd our students through those moments.
- We develop a Biblical worldview in our student community
- We want our students and families to LOVE Jesus.

## Junior High Division

### Bible Course 6<sup>th</sup> Grade

#### Full Year. Grade 6

- Credit: Bible—MCJHS Required Study

Sixth Grade Bible students focus on fostering biblical literacy and spiritual growth through interactive learning. Students explore key biblical stories, themes, and characters while engaging in discussions, group projects, and hands-on activities that promote collaboration. The 6th curriculum centers around learning from Jesus, the Epistles and Revelation. There is an emphasis on memorizing relevant scripture verses and applying biblical principles to real-life situations, thereby encouraging moral and ethical development.

### Bible Course 7th Grade

#### Full Year. Grade 7

- Credit: Bible—MCJHS Required Study

Seventh Grade Bible students focuses on building a foundational Christian worldview by addressing big questions about God, the universe, humanity, truth, and morality, primarily through a Bible survey centered on the Book of Acts, while also introducing students to competing worldviews like naturalism, Islam, and new spirituality to equip them to defend their faith; it aims to develop a solid understanding of biblical truth and how to apply it to everyday life..

Lastly students model the servant's heart of Christ by participating in a four day mission conference. They have the opportunity to hear from missionaries that have served in many different locales. In addition, students have time to build community with various activities around the camp.

### Bible Course 8th Grade

#### Full Year. Grade 8

- Credit: Bible—MCJHS Required Study

Eighth Grade Bible students learn principles of Spirit-filled living from the history of the early church as recorded in Acts in order to be on mission for and with God. The student is challenged to find practical daily ways to answer the essential question, "How do I boldly live for Christ?" The purpose of the class is to evaluate how Jesus continues his work in the life of believers, including the individual student. Acts presents the church at its finest under attack, but unstoppable. The student will find courage in Christ, even as the Christian today is under attack, yet the Kingdom of God unstoppable.

## **Foundations of Faith and Culture**

### **Full Year. Grade 6-8**

- Credit: Bible—MCJHS Required Study (International Students Only)

This course is designed for international students in their first year of junior high at MCS - who are new to American and Christian cultures. Students meet four days a week, with a different focus each day. Content covers an introduction to and overview of the Bible, English as a Second Language support, time management and study skills, and homework helps. The goals are to develop a basic understanding of who God is through the study of the Bible, to develop English language proficiency through focused listening, speaking, reading, and writing, and to equip students with essential study skills for academic success.

## **High School Division**

### **Sheltered Bible: Understanding the Bible**

#### **Full Year. Grade 9-12**

- Credit: Bible— Graduation Requirement (International Students Only)

This course is designed for international students in their first year of high school at MCS who have little to no background knowledge of the Christian Scriptures. Students begin with a study on worldview - looking at their own answers to life's big questions (i.e., What is the meaning of life? Who am I? Where/how did human life originate?) and comparing them to that of a Christian's. Students will also study the answer to the age-old question: Why should I believe that the Bible is true? The rest of the first semester covers a basic overview of the Old Testament, enabling students to explain how each of those stories points to Christ. In their second semester, students will go through an overview of the New Testament, especially focusing on the Gospel, Church & Missions Eras. Throughout the year, students will memorize Scripture and define and utilize commonly used faith-based terminology.

### **Old Testament Survey**

#### **Full Year. Grade 9**

- Credit: Bible— Graduation Requirement

This course is designed to establish the essential scope and structure of the Old Testament. Students will learn the essential themes, persons, and truths of each Old Testament book, the major historical narrative throughout, and how the entire Old Testament foreshadows and points forward to the life and redemptive work of Jesus Christ. This course will provide opportunities for engaging discussions on foundational issues, such as Creation vs. Evolution, evidence of the global Flood, and God's design for marriage, among many others. Students will come to value the power, relevance, and trustworthiness of Scripture, and how God's Word has fundamental applications to all areas of life.

### **New Testament Survey**

#### **Full Year. Grade 10**

- Credit: Bible— Graduation Requirement



The purpose of this course is to gain an understanding of the New Testament. By God's grace He has revealed himself through the Scriptures, so by understanding the Scriptures we understand who God is and His purposes for humanity. We will spend a majority of our time in the Scriptures.

## **Systematic Theology**

### **Full Year. Grade 11**

- Credit: Bible— Graduation Requirement

This course is designed to develop mature disciples of Christ by correctly establishing a Biblical worldview and teach sound doctrine. This will enable a student to wisely navigate through life with dependence upon their Creator, through the redeeming work of Jesus Christ and the power of the Holy Spirit. The major sections of Systematic Theology include: Presuppositions, Theology Proper (the study of God and His attributes), Bibliology, Angelology (including the study of Satan and Demons), Anthropology (the study of man), Hamartiology (the study of sin), Christology, Soteriology (the study of salvation), Pneumatology (the study of the Holy Spirit), Ecclesiology (the study of the Church), and Eschatology (the study of things to come).

## **Apologetics: Defense of the Faith**

### **Full Year. Grade 12**

- Credit: Bible— Graduation Requirement

This course is designed to establish a comprehensive and rational defense of Biblical Christianity. Students will learn the foundational impact and distinctions of the Biblical worldview, as well as how to defend against major arguments and difficult questions. This course will instruct students in the basic tenets of the leading worldviews, religions, and cults, and how to critically analyze their essential beliefs. Students will also learn the value and fundamental impact of the Bible's ethical standards, as well as their application and relevance to contemporary issues.

## **Community Service Hours Program**

### **Four Years. Grade 9-12**

- Voluntary

This program inspires students to engage in meaningful service, embodying Christlike behavior by selflessly serving others. Participants will experience the blessings of giving in the Name of Jesus, fostering a spirit of generosity and love, while developing a lifelong spiritual discipline of serving Christ. Join us to explore the transformative power of service, deepening our faith and making a positive impact in our communities and the world.

"...just as the Son of Man did not come to be served, but to serve, and to give his life as a ransom for many."  
-Matthew 20:28-

# SOCIAL STUDIES- UC REQUIREMENT SECTION A

## MCJHS and MCS

Maranatha Christian Schools' social studies program is based on the truth that God is active in history and in the world today. The purpose of studying history is to discover God's role in human relations, analyze His purpose in acting, and evaluate the effects that result from His actions. The social studies course of study will reveal to students how God uses imperfect people to achieve His perfect will. Through the social studies program students will gain an understanding of how people relate to God, and how their relationship with God should inform their relationship with others. *"And he made known to us the mystery of his will according to his good pleasure, which he purposed in Christ, to be put into effect when the times will have reached their fulfillment – to bring all things in heaven and on earth together under one head, even Christ."* (Ephesians 1:9-10)

### Ancient History Full Year. Grade 6

- Credit: Social Studies-- MCJHS Required Study

History for 6th grade will take students on an in-depth tour of the ancient civilizations of Mesopotamia, Egypt, Israel, Indus Valley, China, Greece, Rome, and the Byzantine Empire. Our goal is to increase historical knowledge while providing students with the means of making connections to both the past and the present, to see how it relates to the world around us through a Christian perspective.

### World History Full Year. Grade 7

- Credit: Social Studies-- MCJHS Required Study

This course is designed for students to learn how to conformed to Christ's image by studying the story of people and their relationship to God. This story includes people and cultures from the Dark Ages to the present in all parts of the world. The course brings history, geography, and culture together in an introduction to world history.

### American History Full Year. Grade 8

- Credit: Social Studies-- MCJHS Required Study

This course is a comprehensive survey of United States history, intended to give the junior high student a solid foundation of knowledge about the heritage of this country. Students will be able to see the hand of God in action in this American history course - it is ultimately intended to inspire them to conform to Christ's image in their own lives. At the conclusion of the course, the 8<sup>th</sup> grade tours the East Coast for 8 days, spending time in Washington D. C., Philadelphia, and New York. The Christian heritage of our country comes alive as students see firsthand the works of our government.

### World History Honors Full Year. Grade 9

- Credit: World History— Honors, College Prep

Honors World History is an academically rigorous course of study that prepares students for success in AP History and Government classes. This course of study is similar in scope of the World History course but is greater in depth. The course will take students from the roots of democracy to our modern world. Along the way students will focus on events from the late 18<sup>th</sup> century to today. Topics covered include the revolutionary period from the late 18<sup>th</sup> century to the mid-19<sup>th</sup> century, the Industrial Revolution, European nationalism, the new imperialism, the world wars of the 20<sup>th</sup> century and the rise of totalitarianism that led to them, the Cold War and its aftermath and the globalization of the world. Students will demonstrate academic excellence by mastering historical content, as well as historical thinking and writing skills. Student assessments include a variety of formats such as tests, projects, oral presentations, debate, document based questions (DBQs), and the analysis of primary source materials and political cartoons. The Honors curriculum is designed to accommodate highly motivated students with a specific interest in the social sciences. Acceptance into the Honors World History class is contingent on student successful completion of a summer assignment.

## **World History**

### **Full Year. Grade 10**

- Credit: World History— College Prep

This course of study will take students from the roots of democracy to our modern world. Along the way students will focus on events from the late 18<sup>th</sup> century to today. Topics covered include the revolutionary period from the late 18<sup>th</sup> century to the mid-19<sup>th</sup> century, the Industrial Revolution, European nationalism, the new imperialism, the world wars of the 20<sup>th</sup> century and the rise of totalitarianism that led to them, the Cold War and its aftermath and the globalization of the world. Beyond content, students will develop their analytical and critical thinking skills, and their ability to express themselves both in writing and orally. Students will also learn historical research methods, how to evaluate the reliability of sources, and compare competing interpretations of past events to draw their own conclusions. Finally, students will be able to draw connections between past events and the development of modern society.

## **AP European History**

### **Full Year. Grades 10-12**

- Credit: World History— AP, College Prep
- Prerequisite: All students are required to successfully complete the summer assignment.

The AP® European History course is meant to be the equivalent of an introductory level college course which may lead to college credit depending on their performance on the Advanced Placement examination in May. The course is a full year survey of European history from approximately 1450 to the present day. While the presentation is organized chronologically, the course will also emphasize several themes crucial to the study of European history. These themes will include political and cultural development, political and diplomatic history, and social and economic transformation. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography.

## **United States History**

### **Full Year. Grade 11**

- Credit: US History— College Prep

This course of study begins with a review of the causes and effects of the American Revolutionary War and the Civil War. Topics explored include the settling of the west, the industrialization and urbanization of America, America's transformation into a world power, the progressive movement, World War I, the between war years, World War II, the Cold War, the Civil Rights Movement, the Vietnam War, and modern America. Beyond content, students will develop their analytical and critical thinking skills, and their ability to express themselves both in writing and orally.

## AP United States History

### Full Year. Grade 11

- Credit: US History— AP, College Prep
- Prerequisite: All students are required to successfully complete the summer assignment.

The AP® United States History course is meant to be the equivalent of an introductory level college course which may lead to college credit depending on the students' performance on the Advanced Placement examination in May. The course is a full year survey of American history from pre-Colombian civilization to the present day. While the presentation is organized chronologically, the course will also emphasize several themes crucial to the study of American history. These themes will include political development, economic transformation, the role of religion in the development of America, slavery and its legacy in the United States, and the development of a unique American national character.

## American Government and Economics

### Full Year. Grade 12

- Credit: Government and Economics— College Prep

#### **Semester 1: Introduction to American Government**

In this course, students will pursue a deeper understanding of the institutions of American government. Drawing upon knowledge gained from previous courses such as Geography, U.S. and World History, students will examine the inner workings and structures of government from our founding father's first attempts to govern the colonies, to comparing current day political and economic systems. Students will read the constitution as a living document that continues to provide structure and guidance to the three branches of our government as well as the day-to-day lives of Americans today. As the culmination of high school Social Studies/History this course provides students with the basic tools to enter society as functional, knowledgeable, involved citizens ready to shape the world in which they live.

#### **Semester 2: Introduction to Economics**

This course provides an overview of the fundamental concepts in economics, designed for students with little to no prior knowledge of the subject. It introduces the core principles that govern individual, business, and government decision-making processes in a market economy. Students will explore the basic concepts of scarcity, supply and demand, opportunity cost, and market equilibrium, while gaining an understanding of how these concepts affect everyday life. By the end of the course, students will be equipped with a solid understanding of economic principles and will be able to apply them to analyze real-world economic issues, from personal finance to national economic policy.

## AP U.S. American Government and Politics

### Full Year. Grade 12

- Credit: Government and Economics— AP, College Prep
- Prerequisite: All students are required to successfully complete the summer assignment.

The AP® U.S. Government and Politics course is meant to be the equivalent of an introductory level college course which may lead to college credit depending on the student's performance on the Advanced Placement examination in May. This yearlong course introduces students to key political ideas and institutions that characterize the political culture of the United States. Study of general concepts used to interpret American politics and analysis of specific case studies are included. Students will examine the constitutional underpinnings of American government, political beliefs and behaviors, political parties and interest groups, institutions and policy processes of the national

government, as well as civil rights issues. The course will also emphasize preparation and intensive study towards the AP U.S. Government and Politics exam.

# ENGLISH LITERATURE- UC REQUIREMENT SECTION B

## MCJHS and MCHS

The English Department at Maranatha Christian Junior High and High Schools strives to develop a knowledge and joy for language- both written and spoken. The students achieve this through reading a wide breadth of literature covering various genres, time periods, and authors, as well as exposing students to several styles of writing, speeches, and learning the fundamentals of grammar. All teaching and learning will be through the lens of the Truth, the Bible, which is the perfect example of communication as given to us by God our Creator. It is through this lens of Truth that students will examine the language arts critically, in collaboration with their peers, and understand the gift of creativity God has given both the authors and the students to create works of their own. The goal of the English Department is to equip our students to use the knowledge of God's creation of language to effectively communicate both in their writing and speech, to not only transform and impact their own lives, but work to transform the world for Christ.

### English Course 6<sup>th</sup> Grade

#### Full Year. Grade 6

- Credit: English—MCJHS Required Study

English for 6th grade is broken into four key components: literature, grammar, writing, and spelling. This year, students will develop skills that will help them express themselves more clearly and creatively. Through novel studies, grammar review and mastery, learning foundational writing skills, and expanding vocabulary, students will see God's truths in new ways and begin learning how to effectively communicate their thoughts and ideas.

### English Course 7<sup>th</sup> Grade

#### Full Year. Grade 7

- Credit: English—MCJHS Required Study

In 7th grade English, students will also begin to look more critically at a range of literature through novels, poetry, and short stories. Additionally, students will continue to master their knowledge of grammar through learning and practice, grow in their writing, and continue to expand their vocabulary.

### English Course 8<sup>th</sup> Grade

#### Full Year. Grade 8

- Credit: English—MCJHS Required Study

This is a year-long English course that focuses on reading comprehension and analysis, essay writing, creative writing, spelling skills, vocabulary expansion, grammar usage, and public speaking. The course content reviews basic skills previously taught and teaches new skills with an emphasis on the application of these skills. Literature units include *The Hobbit* in addition to a variety of classic and contemporary short stories. The course includes an intensive composition unit, taught over a ten-month period, which covers timed writing, multiple paragraph writing, preparation and presentation of speeches and discussions, exposure to a variety of literary forms and techniques, vocabulary development, and instruction in and application of language mechanics. This course is intended to prepare students for success in high school.

## English as a Second Language

### Full Year. Grade 9-12

- Credit: Elective, determined by International Program Director (International Students Only)

This course is designed primarily for international students in their first year of high school in the United States and/or at MCS. Enrollment is based upon English proficiency test scores & grades. Course material includes a focus on reading comprehension, oral fluency, listening & speaking skills, as well as grammar, writing & vocabulary development. Students will also receive further support in their English Literature & Composition classes. The course is differentiated to meet each student's needs as well as monitor their academic progress.

## 9<sup>th</sup> Grade English

### Full Year. Grade 9

- Credit: English— College Prep

The goal for English 9 is to lay the groundwork for the analytical reader, critical thinker, articulate communicator, and strong writer so they will excel in English for their high school career. Students will build foundational skills in composition and literary analysis as they explore a variety of literary genres including short stories, novels, mythology, poetry, drama, and nonfiction. Students will study texts including ancient epic poetry, Shakespearean drama, American war literature, and classic bildungsroman. Although not all of these authors are writing from a Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

## 9<sup>th</sup> Grade English Honors

### Full Year. Grade 9

- Credit: English— Honors College Prep
- Prerequisite: All students are required to successfully complete the summer assignment.

The goal for English 9 is to lay the groundwork for the analytical reader, critical thinker, articulate communicator, and strong writer so they will excel in English on the English honors/AP pathway for their high school career. Students will build foundational skills in composition and literary analysis with a greater focus on independent critical thinking, advanced textual analysis, and academic writing as they explore a variety of literary genres including short stories, novels, mythology, poetry, drama, and nonfiction. Students will study texts including ancient epic poetry, Shakespearean drama, American war literature, and classic bildungsroman. Although not all of these authors are writing from a Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

While retaining the core texts from English 9, Honors students will read supplementary and more advanced texts being held to high standards of reading comprehension, textual analysis, and writing ability.

## 10<sup>th</sup> Grade English

### Full Year. Grade 10

- Credit: English— College Prep
- Prerequisite: English 9 or English 9 Honors

The goal of English 10 is to continue developing analytical and communication skills through group discussion, analytical reading, and individual writing. These fundamental skills in composition and literary analysis will be achieved through the study of novels, drama, poetry, and memoir. Students will study texts including gothic literature, Shakespearean drama, WWII memoir, and political allegory. Although not all of these authors are writing from a

Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

## **10<sup>th</sup> Grade English Honors**

### **Full Year. Grade 10**

- Credit: English— Honors College Prep
- Prerequisite: Completion of 9<sup>th</sup> Grade English Honors with B's or better and/or English 9 with A's. All students are required to successfully complete the summer assignment.

The goal of English 10 Honors is to continue developing analytical and communication skills through group discussion, analytical reading, and individual writing as well as be introduced to the elements of rhetorical writing. These fundamental skills in composition and literary analysis will be achieved through the study of novels, short stories, drama, poetry, and memoir. Students will study texts including gothic literature, Shakespearean drama, WWII memoir, and political allegory. Additionally, students will study literary techniques and devices in both their reading and writing in order to better understand and apply literary elements. Although not all of these authors are writing from a Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

## **American Literature**

### **Full Year. Grade 11**

- Credit: English— College Prep
- Prerequisite: Completion of 10<sup>th</sup> Grade English/English Honors with C's or better

The goal of American Literature is to not only build upon the analytical and communication skills developed the previous years, but to demonstrate these skills through discussion, analytical reading, and individual writing. This course examines the development of American literature from the Colonial period to postmodernism exploring how historical, social, and cultural movements shaped the nation's literary voice. Students will engage in close reading, critical analysis, and thoughtful discussion of key texts while honing their writing skills through literary analysis essays. Although not all of these authors are writing from a Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

## **AP English Language and Composition**

### **Full Year. Grade 11**

- Prerequisite: English 10 with A's both semesters or Honors 10 with B's or better both semesters or Administrative approval. All students are required to successfully complete the summer assignment.

The goal of AP Language and Composition is to build upon analytical and composition skills in order to master rhetorical and argumentative writing. Students will learn the history and principles of rhetoric and logic in order to both identify them in texts as well as implement them in their own essay writing. Through this course, students will study various non-fiction texts to further develop their analytical skills and evaluate the argumentation process. Though many authors and sometimes ideas are not from a Christian background, students will use a biblical perspective to discern truth and evaluate efficacy.

Note: students in this course will prepare to take the AP Language exam.

## **British Literature**

### **Full Year. Grade 12**

- Credit: English— College Prep



- Prerequisite: Completion of American Literature/English 10 or Honors with C's or better

The goal of British Literature is to demonstrate an understanding of analytical and communication skills through group discussion, analytical reading, and individual writing. These fundamental skills in composition and literary analysis will be achieved through the study of novels, drama, and poetry. Beginning with the Anglo-Saxon period, students will chronologically study different movements within British history and culture. Students will study texts including epic poetry, Shakespearean drama, gothic novel, and Christian allegory. Although not all of these authors are writing from a Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

## **AP English Literature and Composition**

### **Full Year. Grade 12**

- Prerequisite: American Literature with A's both semesters or Honors 10 with A's both semesters or Administrative approval. All students are required to successfully complete the summer assignment.

The goal of AP Literature and Composition is to develop an understanding of the various literary movements in the English language and demonstrate a mastery of literary analysis through the many novels, short stories, and poems studied. From a chronological perspective, students will begin with Classical mythology and move through the different time periods, highlighting the evolving use of language and noting the consistent themes that reflect humanity. Specific areas of study include Shakespearean England, English Romanticism, Russian realism, American modernism, and African postcolonialism. Although not all of these authors are writing from a Christian worldview, many biblical principles and values will be identified and discussed through character and theme analysis.

Note: students in this course will prepare to take the AP Literature exam.

# MATHEMATICS- UC REQUIREMENT SECTION C

## MCJHS and MCHS

Mathematics is a content area where God reveals His glory as the Creator and Sustainer of all things (Col. 1:16-17). He is the God of order (1 Cor. 14:33,40), and math is an opportunity to study God's perfect work and nature (Deut. 32:4) and His precision (Ex. 40:47). The development of mathematical skills will lead students to an appreciation for God's glory and orderliness, and mathematical study in a God-focused environment will develop hearts of praise and thanksgiving for God's goodness as Creator (Psalm 100).

Maranatha's Mathematics department's mission is to develop critical thinking, problem solving, reasoning, and evaluation skills - important tools for 21st century learners. Using logical, analytical, and critical thinking, students will develop mathematical habits and skills to help them think, process, and problem solve in all areas of learning.

### Math 6

#### Full Year. Grades 6

- Credit: Mathematics—MCJHS Required Study

Math 6 utilizes research based strategies with a balanced approach to instruction that opens doors to abstract thought, reasoning, and inquiry. The foundation of the program is the Common Core Standards for Mathematical content and Standards for the Mathematical approach. Students will be introduced to 'Habits of Mind' that help them internalize concepts for a greater depth of understanding. These habits serve students well, not only in mathematics but across all curricula throughout their academic careers. The depth and rigor needed for career readiness and college level courses are being exposed to prepare students to meet the challenge of the new Common Core testing. Numerical expressions and factors, fractions and decimals, algebraic expressions and properties, areas of polygons, ratios and rates, integers and coordinates, equations and inequalities, surface area and volume, statistical measures, and data displays are all part of this Mathematical approach.

### Pre-Algebra

#### Full Year. Grades 6-7

- Credit: Mathematics—MCJHS Required Study
- Prerequisite: Math 6 or Administrator Approval
- Pre-Algebra is a comprehensive pre-algebra class that consists of daily lessons that are sequenced to develop a variety of skills and concepts for algebra while making sure the math foundation is concrete. The students build upon prior mathematical knowledge while preparing for Algebra. This course covers integer and real number operations, decimals and percent, exponents and irrational numbers, solving equations and inequalities, graphing, functions, measurements, geometry and data displays. PreAlgebra provides a balance between basic skills, conceptual understanding, and problem-solving.

### Math 7

#### Full Year. Grades 7

- Credit: Mathematics—MCJHS Required Study
- Prerequisite: Math 6 or Administrative Approval

Math 7 is a comprehensive integrated start to pre-algebra that consists of daily lessons that are sequenced to develop a variety of skills and concepts for pre-algebra (grade level math) while making sure the math foundation is concrete. The students build upon prior mathematical knowledge while preparing for pre-algebra(their continued development). This course covers integer and real number operations, decimals and percent, exponents and irrational numbers, solving equations and inequalities, graphing, functions, measurements, geometry and data displays. Math 7 combines algebraic thinking with geometric applications. approach\*\*\*\*

## Applied Math

### Full Year. Grades 7-8

- Credit: Mathematics—MCJHS Required Study
- Prerequisite: Math 7 or Pre Algebra or Administrative Approval

This course is a foundational Algebra course that prepares students for Algebra I. This course covers variables, equations, integer operations, solving equations and inequalities, fractions, factors, exponents, rational number operations, multi-step equations and inequalities, ratios, square roots, graphing, proportions, percent, real numbers, right triangles, measurement, area, and functions.

## Algebra 1

### Full Year. Grades 7-10

- Credit: Math— College Prep
- Prerequisites: A comprehensive rubric is used to determine Junior High math placements for MCJHS and 'C' or better in middle school Algebra Readiness for MCHS

Algebra I is a logical and systematic extension of generalized arithmetic. Algebra I covers writing, solving, and graphing linear and quadratic equations. The student will also study polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion.

When taken in JH, this course is used for advancement purposes only.

## Geometry

### Full Year. Grades 8-11

- Credit: Math— College Prep
- Prerequisites: A comprehensive rubric is used to determine Junior High math placements for MCJHS and 'C' or better in Algebra 1 for MCHS

In Geometry students will learn inductive and deductive proofs, angles, perpendicular and parallel lines, congruent triangles, similar polygons, circles, right triangles, areas and volumes of solids, coordinate geometry, and constructions.

When taken in JH, this course is used for advancement purposes only.

## Algebra II

### Full Year. Grades 9-12

- Credit: Math— College Prep
- Prerequisites: 'C' or better in Geometry

Algebra 2 provides a second look at many of the topics that were studied in Algebra 1 and Geometry. Several new topics are introduced in Algebra 2 including imaginary and complex numbers, exponential and logarithmic functions,

radicals, rationals, quadratics, functions, and transformations. The students' understanding of mathematical arguments and processes will be strengthened throughout this course.

## **Algebra II Honors with Trig** **Full Year. Grades 9-12**

- Credit: Math— Honors, College Prep
- Prerequisites: 'C' or better in Geometry Diagnostic test and Geometry grade used to determine math placement into honors.

Algebra 2 Honors with Trigonometry provides a second look at many of the topics that were studied in Algebra 1 and Geometry. This course covers these topics in more depth and with a greater emphasis on mathematical rigor. Several new topics are introduced in Algebra 2 Honors with Trigonometry including imaginary and complex numbers, exponential and logarithmic functions, radicals, rationals, quadratics, functions, transformations, and trigonometry. The pace of the overall class is faster to allow Algebra 2 Honors with Trigonometry to cover two more chapters than our regular Algebra 2 class. The students' understanding of mathematical arguments and processes will be strengthened throughout this course.

## **College Algebra** **Full Year. Grades 10-12**

- Credit: Math— College Prep
- Prerequisites: 'C' or better in Algebra 2

College Algebra is an advanced algebra course designed to prepare students for any introductory level college math course. The course includes the following topics: linear relations and functions, systems of equations, polynomial and rational functions, the nature of graphs, exponential and logarithmic functions, trigonometric functions and their graphs, and basic trigonometric identities. Students will leave this course prepared to take the Entry Level Mathematics exam administered by colleges

## **AP Precalculus** **Full Year. Grades 10-12**

- Credit: Math— AP, College Prep
- Prerequisites: A in Alg. 2 & B in Alg. 2 Honors recommended. All students are required to successfully complete the summer assignment.

Precalculus covers advanced algebra and trigonometry. The course includes the following topics: functions and graphs, polynomial, power and rational functions, exponential, logistic and logarithmic functions, trigonometric functions and their graphs, and analytical trigonometry and applications of trigonometry. This course specifically prepares students to take the AP Precalculus exam.

## **AP Calculus AB** **Full Year. Grades 10-12**

- Credit: Math—AP, College Prep
- Prerequisites: 'C' or better in Precalculus and teacher recommendation. All students are required to successfully complete the summer assignment.

AP Calculus AB is equivalent to that of a first-semester college calculus course devoted to topics in differential and integral calculus. AP Calculus AB is structured around the three big ideas: limits, derivatives, and integrals and the Fundamental Theorem of Calculus. The concept of limits is foundational; the understanding of this fundamental tool

leads to the development of more advanced tools and concepts that prepare students to grasp the Fundamental Theorem of Calculus. This course specifically prepares students to take the AP Calculus AB exam.

## **AP Calculus BC**

### **Full Year. Grades 11-12**

- Credit: Math— AP, College Prep
- Prerequisites: 'C' or better in AP Calculus AB and teacher recommendation. All students are required to successfully complete the summer assignment.

AP Calculus BC is equivalent to both the first-semester and second-semester college calculus courses. AP Calculus BC extends the content learned in AB to different types of equations and introduces the topic of sequences and series. AP Calculus BC is structured around the big ideas: limits, derivatives, and integrals and the Fundamental Theorem of Calculus, and series. The concept of limits is foundational; the understanding of this fundamental tool leads to the development of more advanced tools and concepts that prepare students to grasp the Fundamental Theorem of Calculus. This course specifically prepares students to take the AP Calculus BC exam.

## **AP Statistics**

### **Full Year. Grades 10-12**

- Credit: Math— AP, College Prep
- Prerequisites: 'C' or better in Algebra 2 and teacher recommendation. All students are required to successfully complete the summer assignment.

AP Statistics is equivalent to a first-semester introductory, no-calculus-based college statistics course. AP Statistics is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This course specifically prepares students to take the AP Statistics exam.

# SCIENCE- UC REQUIREMENT SECTION D

## MCJHS and MCHS

Maranatha Christian Schools strives to help our students engage with science through a Christian worldview. We aim to develop in our students a Christian philosophy of science in which Scripture is recognized as the inerrant, infallible Word of God and the final authority on all scientific concepts presented. We believe science is the result of human observation and interpretation of His physical creation and when properly instructed it results in an appreciation of the order, power, glory, and majesty of the Creator. Throughout our program, students will learn to look for patterns in Creation, develop explanations for these patterns, make predictions about what further testing will show, conduct tests to see if their outcomes were consistent with their predictions, and then revise their explanations if necessary. They will also be able to represent physical processes in multiple ways, including mathematically, narratively, and graphically.

### Science 6

#### Full Year. Grade 6

- Credit: Science-- MCJHS Required Study

The curriculum for 6th grade science encompasses several key areas of study: matter, energy (including thermal energy), and Earth systems, which cover weather, minerals and rocks, and plate tectonics. Each week, a relevant laboratory activity is conducted to reinforce the area of study, providing hands-on experience. Throughout the year, devotions, readings, and content topics provide an opportunity to discuss and see science through a biblical lens.

### Science 7

#### Full Year. Grade 7

- Credit: Science-- MCJHS Required Study

Over the course of the year, students will study the cell, human body systems, and the mechanism for genetic inheritance. Students will wrap up the first part of the year with a dissection. Then students will cover the topics of ecology and populations, communities, and ecosystems among all living things. Then they will finish the year with the topic of internet technology. Students will also complete a large project designing and building magnetic levitation trains.

### Science 8

#### Full Year. Grade 8

- Credit: Science-- MCJHS Required Study

Over the course of the year, students will examine the properties and characteristics of matter, the elements of the Periodic Table on an atomic level, compounds, bonds, forces, and motion. Students will also explore topics relating to space, including the sun, the solar system, and the universe. The Scientific Method and theories of creationism and evolution are incorporated throughout the year. These theories will be presented, analyzed, and evaluated by examining the ideas, evidence, and validity of both scientific beliefs.

### Biology

#### Full Year. Grade 9-11

- Credit: Science— College Prep

- Prerequisite: Algebra I

This is a general biology course that includes units on ecology, cell life, genetics, biological diversity, “simple” organisms, and the human body. Laboratory investigation comprises a key component.

## AP Biology

### Full Year. Grade 11-12

- Credit: Science— AP, College Prep
- Prerequisites : Biology and Chemistry. All students are required to successfully complete the summer assignment.
- Advanced Placement Biology is designed to prepare you to take the College Board Advanced Placement Biology exam. The course is designed to be the equivalent of a two-semester college introductory biology course taken by biology majors. The first semester will focus on studying the chemistry of life, cells, cellular energetics, heredity, and molecular genetics. The second semester will focus on the diversity of organisms, the structure and function of plants and animals, and ecology. Class activities will include discussion, problem-solving, and 12 required lab experiments. Extensive practice in essay writing and in understanding and responding to multiple choice questions are an integral part of the class. The syllabus and summer assignment for AP Biology are found at the right.

## Chemistry

### Full Year. Grade 10-11

- Credit: Science— College Prep
- Prerequisites: Geometry (may be taken concurrently) and Biology

This is a general chemistry course that examines the fundamental composition of matter and changes from one form of matter to another. Topics include the properties of matter, atomic and molecular structure, the nature of equilibrium, gasses, the organization and use of the periodic table, the principles of chemical bonding, characteristics of solutions, the use of stoichiometry, attributes of acids and bases, nuclear chemistry, and organic compounds. Laboratory investigation comprises a key component.

## AP Chemistry

### Full Year. Grade 10-11

- Credit: Science— AP, College Prep
- Prerequisites: Algebra II (may be taken concurrently) and Chemistry. All students are required to successfully complete the summer assignment.

AP chemistry is based on the content of an introductory chemistry course taught at the college level. Topics taught in the class reflect major topics that are presented in college-level textbooks. The curriculum also includes some inquiry-based laboratory situations, scientific practices and chemical calculations. The content of the AP chemistry exam includes: Atoms and Elements; Bonding; Chemical Reactions and Rates of Reactions; Thermodynamics; and Equilibrium. This course prepares students to take the AP Chemistry exam.

## Conceptual Physics

### Full Year. Grade 10-11

- Credit: Science— College Prep
- Prerequisites: Algebra I with C's or better.

Physics is a high school level course which examines the conceptual and mathematical concepts of physics using an inquiry based approach. The course focuses on motion & forces, the conservation of energy & momentum, waves, sound, light, electricity, and magnetism. Students will use their knowledge of algebra and geometry to aid in their problem solving.

## **AP Physics I**

### **Full Year. Grade 10-12**

- Credit: Science— AP, College Prep
- Prerequisites: Geometry with C's or better. All students are required to successfully complete the summer assignment.

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. This course prepares students to take the AP Physics 1 exam.

## **PLTW Introduction to Engineering Design**

### **Full Year. Grade 9-12**

- Credit: Science— College Prep, Elective
- Prerequisites: none

Introduction to Engineering Design (IED) is a high school engineering course in the PLTW Engineering Program. In IED, students explore engineering tools and apply a common approach to the solution of engineering problems, an engineering design process. Through both individual and collaborative team activities, projects, and problems, students apply systems thinking and consider various aspects of engineering design including material selection, human-centered design, manufacturability, assemblability and sustainability. Students develop skills in technical representation and documentation especially through 3D computer modeling using a Computer Aided Design (CAD) application. As part of the design process, students produce precise 3D-printed engineering prototypes using an additive manufacturing process. Student-developed testing protocols drive decision-making and iterative design improvements.

## **PLTW Principles of Engineering Honors**

### **Full Year. Grade 10-12**

- Credit: Science— Honors, College Prep, Elective
- Prerequisites: IED

Principles of Engineering is a full-year course designed to be a high school student's second exposure to the PLTW Engineering program and is appropriate for students in grades 9-12. In Principles of Engineering, students explore a broad range of engineering disciplines, careers, and design and solve real-world engineering problems. This course introduces students to engineering concepts that are applicable to a variety of engineering disciplines and empowers them to develop technical skills through the use of engineering tools such as 3-D modeling software, hands-on prototyping equipment, programming software, and robotics hardware to bring their solutions to life. Students apply the engineering design process to solve real-world problems across a breadth of engineering fields such as mechanical, robotics, infrastructure, environmental sustainability, and product design and development.

## **PLTW Principles of Biomedical Science**

### **Full Year. Grade 10-12**



- Credit: Science— College Prep
- Prerequisites: Biology

Principles of Biomedical Science (PBS) is a full-year high school course in the PLTW Biomedical Science Program. This course serves to provide foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology as well as engage students in how this content can be applied to real world situations, cases, and problems. Through both individual and collaborative team activities, projects, and problems, students will tackle real-world challenges faced by biomedical professionals in the field. They will work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work. Students will develop skill in technical documentation to represent and communicate experimental findings and solutions to problems. In addition, students will explore how connections to other disciplines such as computer science and engineering shape the future of medicine and practice collaboration techniques that will help them connect with professionals across any field.

## **PLTW Human Body Systems**

### **Full Year. Grade 11-12**

- Credit: Science— College Prep
- Prerequisites: PLTW Principles of Biomedical Science

Principles of Biomedical Science (PBS) is a full-year high school course in the PLTW Biomedical Science Program. This course serves to provide foundational knowledge and skills in fields such as biology, anatomy & physiology, genetics, microbiology, and epidemiology as well as engage students in how this content can be applied to real world situations, cases, and problems. Through both individual and collaborative team activities, projects, and problems, students will tackle real-world challenges faced by biomedical professionals in the field. They will work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work. Students will develop skill in technical documentation to represent and communicate experimental findings and solutions to problems. In addition, students will explore how connections to other disciplines such as computer science and engineering shape the future of medicine and practice collaboration techniques that will help them connect with professionals across any field.

## **PLTW Computer Science Essentials**

### **Full Year. Grade 9-12**

- Credit: Science— College Prep
- Prerequisites: none

With emphasis on computational thinking and collaboration, this year-long course provides an excellent entry point for students to begin or continue the PLTW Computer Science PreK-12 experience. Computer Science Essentials will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. In Computer Science Essentials, students will start with visual, block-based programming and smoothly transition to text-based languages like Python®. They will apply computational thinking practices, enrich their vocabulary, and engage in collaborative projects, reflecting the methodologies of computing professionals. Ultimately, they'll develop products that tackle topics and challenges significant to them. Computer Science Essentials helps students create a strong foundation to advance to Computer Science Principles, Computer Science A, and beyond.

## **PLTW AP Computer Science Principles**

### **Full Year. Grade 11-12**

- Credit: Science— AP, College Prep

- Prerequisites: PLTW CSE or Administrator Approval

Using Python® as a primary tool, students learn the fundamentals of coding, data processing, data security, and task automation, while learning to contribute to an inclusive, safe, and ethical computing culture. The course promotes computational thinking and coding fundamentals and introduces computational tools that foster creativity. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This course is aligned with the AP standards.

## **PLTW Capstone**

### **Full Year. Grade 11-12**

- Credit: Science— College Prep, Elective
- Prerequisites: PLTW Human Body Systems or Principles of Engineering

PLTW Capstone is a capstone course for students who are completing any of PLTW's high school programs. It is an open-ended research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem. Teams draw on the knowledge, skills, and interests of each member, as they perform research to select, define, and justify a problem. Given this collaboration, team members leave the course with a broadened skillset and an appreciation for learning from their peers. After carefully defining the design requirements and creating multiple solution approaches, student teams select an approach, create, and test or model their solution prototype. As they progress through the problem-solving process, students work closely with experts and continually hone their organizational, communication, and interpersonal skills, creative and problem-solving abilities, and their understanding of the integration of processes such as the design process, experimental design, and the software development process. At the conclusion of the course, teams present and defend their original solution to an outside panel.

# WORLD LANGUAGES- UC REQUIREMENT SECTION E

## MCJHS and MHS

To study a world language is to discover new worlds. Learning another language not only helps us to communicate with people in diverse parts of the world, but also provides opportunities to experience different cultural perspectives and view people in a whole new way. It is a skill set essential in preparing American students to work and live in an increasingly global society. To this end, all world language courses will stress the use of the language in the classroom on a daily basis in both written and oral communication. As an integral part of their study, students will be exposed to numerous aspects of the culture including the history, art, literature, foods, holidays and traditions related to the language they are studying. The benefits of studying another language extend far beyond the knowledge of that language.

### American Sign Language 1

#### Full Year. Grade 9-12

- Credit: World Languages/Language Other Than English
- Prerequisites: None

This course is an introduction to American Sign Language (ASL), the language used by Deaf people in the U.S. and most of Canada. Students will be introduced to basic ASL vocabulary and grammar, including fingerspelling and numbers, the use of signing space, facial expressions, simple phrases, asking and answering basic questions, topic/comment sentences, time/tense sentences, classifiers, beginning mouth morphemes and ASL glossing techniques. In addition, students will be introduced to Deaf culture to increase their awareness and respect for deaf individuals and ASL.

### American Sign Language 2

#### Full Year. Grade 9-12

- Credit: World Languages/Language Other Than English
- Prerequisite: Grade of 'C' or higher in ASL 1

American Sign Language (ASL) 2 builds upon all concepts learned in ASL 1 and expands vocabulary and grammar skills. Vocabulary focuses on daily routines, family and community life, recreational activities and lays the foundation for everyday conversations and basic interpersonal interactions. ASL grammar introduces conditional clauses, rhetorical questions, additional mouth morphemes, and translation of English idiomatic expressions. Students will deepen their understanding of the Deaf community, its history, and cultural norms.

### American Sign Language 3

#### Full Year. Grade 10-12

- Credit: World Languages/Language Other Than English
- Prerequisite: Grade of 'C' or higher in ASL 2

American Sign Language (ASL) 3 reviews and builds upon all concepts learned in previous ASL courses, and introduces intermediate vocabulary and grammar skills. Intermediate ASL grammar includes the use of classifiers, facial grammar, facial expressions, mouth morphemes, conditional and declarative sentences, and translating English idiomatic expressions. Students will begin to learn how to sign more abstract ideas and concepts. Receptive and

expressive skills are stressed in order to increase fluency and self-confidence in ASL. The course also focuses on developing strong cultural competency and a deeper understanding of Deaf culture.

## **American Sign Language 4**

### **Full Year. Grade 11-12**

- Credit: World Languages/Language Other Than English
- Prerequisite: Grade of 'C' or higher in ASL 3

American Sign Language (ASL) 4 focuses on strengthening expressive and receptive communication through the development of narrative and storytelling skills. Explores the importance of these skills within the Deaf Community. Explores issues of multiculturalism, linguistic code-switching, and language dominance, particularly in relationship to Deaf education.

## **Spanish I**

### **Full Year. Grade 9-12**

- Credit: World Languages/Language Other Than English
- Prerequisite: none

This course introduces the students to basic vocabulary and fundamental sentence structure in the present and preterit tenses using the natural approach. Basic aural and reading comprehension is developed and students hold simple conversations and write short compositions about present and past actions.

## **Spanish II**

### **Full Year. Grade 9-12**

- Credit: World Languages/Language Other Than English
- Prerequisite: Grade of "C" or higher in Spanish 1

Spanish II builds on the skills and concepts learned in Spanish I. Emphasis is on development of the four major language skills: listening, speaking, reading and writing. Using thematic vocabulary, we will learn the present, past (preterite and imperfect), as well as the perfect and future tenses of verbs. In addition to these skills, students will explore the many facets of Hispanic culture and heritage.

## **Spanish II Honors**

### **Full Year. Grade 9-12**

- Credit: World Languages/Language Other Than English
- Prerequisite: Grade of "C" or higher in Spanish 1

Spanish 2 Honors is an accelerated language course designed for students who have completed Spanish 1 or have demonstrated proficiency in the basics of Spanish. The course builds upon foundational skills, emphasizing the development of listening, speaking, reading, and writing in Spanish. Students will expand their vocabulary and grammar knowledge, focusing on more complex sentence structures, verb tenses (such as past tenses and the subjunctive), and an in-depth exploration of cultural topics from Spanish-speaking countries. Key components of the course include:

1. Advanced Grammar- Understanding and applying past tense forms (preterite and imperfect), present progressive, future tense, and subjunctive mood. -

2- Vocabulary Expansion- Topics include family, health, travel, technology, and traditions, with an emphasis on practical language usage.

3- Conversational Skills- Engaging in discussions and debates in Spanish, with a focus on fluency and accuracy.

4- Reading & Writing- Analyzing short stories, articles, and cultural texts, and developing written expression through essays, dialogues, and short narratives. - 5-Cultural Immersion- Learning about customs, history, and daily life in Spanish-speaking countries through multimedia resources and project-based assignments. This course is designed for students seeking a rigorous and immersive learning experience. By the end of the year, students will have a deeper understanding of the Spanish language and be prepared for Spanish 3 Honors

## **Spanish III Honors**

### **Full Year. Grade 10-12**

- Credit: World Languages/Language Other Than English
- Prerequisite: Grade of "C" or higher in Spanish 2

Spanish 3 Honors is an advanced-level course designed for students who have completed Spanish 2 or have demonstrated proficiency in the language. This course focuses on refining language skills, with an emphasis on higher-level grammar, vocabulary, and conversational fluency. Students will engage with complex texts, explore various cultural aspects of the Spanish-speaking world, and practice using the language in real-world contexts. Key components of the course include:

1-Advanced Grammar- A deeper exploration of the subjunctive mood (in all tenses), command forms (informal and formal), future and conditional tenses, and relative pronouns.

2-Expanded Vocabulary- Topics such as travel, the environment, art, literature, current events, and social issues, encouraging students to express themselves in more nuanced ways.

3- Conversational Proficiency Engaging in discussions, debates, and role-plays to foster fluency and confidence in speaking Spanish in various social and professional contexts.

4- Reading & Writing- Analyzing more sophisticated texts, including short stories, poetry, news articles, and essays. Writing assignments will include research papers, essays, and creative projects.

5- Cultural Exploration- Deepening the understanding of Hispanic cultures through the study of history, geography, art, music, traditions, and contemporary issues in Spanish-speaking countries. Spanish 3 Honors is ideal for students looking to further develop their linguistic abilities and cultural awareness. By the end of the course, students will be able to communicate confidently in both spoken and written Spanish and be well-prepared for Advanced Placement Spanish.

## **AP Spanish Language and Culture**

### **Full Year. Grade 10-12**

- Credit: World Languages/Language Other Than English

- Prerequisite: A "C" or better in Spanish 3. All students are required to successfully complete the summer assignment.

This course is designed to help students master their ability to speak, read, listen and write in Spanish. The course is conducted entirely in Spanish and prepares students for the Advanced Placement Language Examination.

Communication skills, through speaking and writing are emphasized and students are expected to use only Spanish in class to converse about short stories, films and cultural topics. Students continue to refine sophisticated grammar skills, increase their cultural knowledge and learn new vocabulary. This course will aid the students to prepare for the AP Spanish Language exam.

# VISUAL AND PERFORMING ARTS- UC REQUIREMENT

## SECTION F (HIGH SCHOOL ONLY)

### MCHS

MCHS offers a broad range of visual and performing arts courses. Through the disciplines of art, choir, drama, music and Photography, our goal is to encourage and broaden the creative talents that God has bestowed upon our students. In addition to seeking to increase these gifts, it is our desire to teach students how to use their gifts for the Lord. Instruction is provided by way of lecture, demonstration, active hands-on participation, performance and evaluation.

#### Art I

##### Full Year. Grade 9-12

- Prerequisite- none
- Credit: Visual and Performing Arts— College Prep, Elective

In this introduction Art I course, students will investigate each of the elements of art: line, shape, color, value, texture, form, and space. Students will be exposed to a variety of different mediums and techniques throughout the year, and create a project based on each of these elements. Some examples of materials and processes we may explore include: scratchboard, ink, wood burning, mixed media, pencil, and sandblasting. Students will focus on honing basic shading and composition techniques as they create their works. Students will also gain a brief overview of artists and styles from various time periods.

#### Art II Honors

##### Full Year. Grades 10-12

- Prerequisite Art I
- Credit: Visual and Performing Arts— College Prep, Elective

Art II Honors is an intermediate fine arts class which builds on the elements and principles of art taught in High School Art 1. This class will focus on an overview of Art History, Art Theory, and will explore a wide variety of drawing and painting techniques and mediums. Students will create a personal portfolio by completing a variety of projects designed to strengthen their skills. They will also be challenged to think through fundamental issues of art through various readings assignments, writing projects, and critiques throughout the course, in order to fulfill UC requirements. This class is a prerequisite for AP Art.

#### AP Studio Art: 2D Design

##### Full Year. Grades 11-12

- Prerequisites: Art II Honors or teacher approval. All students are required to successfully complete the summer assignment.
- Credit: Visual and Performing Arts— College Prep, Elective, AP

This college-level AP 2D Design course is designed to help students develop technical skills through the investigation of the elements of art as they apply to the principles: unity, variety, repetition, emphasis, movement, proportion, and balance. Students are encouraged to become independent thinkers who contribute inventively and critically to their

culture through the making of 2D art. In lieu of taking an AP exam, students will create a portfolio of work to submit for College Board evaluation. The score a student receives will determine college credit eligibility. This portfolio will include 24-29 works, which are divided into three categories: Breadth, Quality, and Concentration. For the Breadth section, students will work using a variety of mediums and approaches to show their range of skill. For the Concentration section, students will be advised to choose one topic and one medium to study in depth. They will create an artist statement during their Concentration section, which will describe their discovery and philosophy regarding their chosen topic. For the Quality section students will choose their five best art pieces overall.

## **Graphic Design**

### **Full Year. Grades 10-12**

- Credit: Visual and Performing Arts— College Prep, Elective

This Graphic Design course focuses on creation of projects with real-world application. Students will primarily design using Adobe Illustrator, but will also gain a brief overview of Adobe Photoshop and Adobe InDesign. Students will learn the four basic design principles: repetition, alignment, contrast, and proximity. They will study color theory and font choice to create projects such as package designs, posters, logos, GIFS, and digital illustrations.

## **Art Photography**

### **Full Year. Grades 9-12**

- Credit: Visual and Performing Arts— College Prep, Elective

Art Photography is an entry-level course centered on the principles of photography, which include, DSLR camera operation, photographic expression, and digital imagery. This course includes a variety of hands-on projects designed to teach proper use of camera and photographing techniques. As students learn the elements of art and successful compositional skills, they will apply these skills to their own photographs. Students will learn to use camera manual controls such as, ISO, Aperture, and Shutter Speed and how each setting affects each photo. Students will learn and use Adobe Photoshop as their 'digital darkroom,' and have the opportunity to manipulate images in creating photographic art. Students will also explore how photography is used in fashion, advertising, and graphic layout by photographing products, and creating advertisements. During the second semester, students will create an online portfolio, which will feature their class projects. All students will present their photos and participate in the annual MCHS Art Show.

## **AP Studio Art: Photography**

### **Full Year. Grades 10-12**

- Prerequisite(s): Art Photography or approval from teacher . All students are required to successfully complete the summer assignment.
- Credit: Visual and Performing Arts— College Prep, Elective, AP

AP Photography is an advanced level studio art course in 2-D design where students will learn new techniques and increase their knowledge and skill in the art of photography. The emphasis in this course will be to continue each student's creative expression and development with their own personal style as artistic photographers and communicators, and should demonstrate mastery through photography using Adobe Photoshop as their 'digital darkroom.' Students will study the various properties of photographic art, as well as examine the history and development of photography and complete regular critiques as they build their portfolios. Each student will be required to advance their technical skills in visual elements and submit a well-rounded portfolio to the AP College Board consisting of a breadth, concentration and quality section at the end of the second semester. In addition, all students will present their photos and participate in the annual MCHS Art Show. Note: Photography taken at another school does not necessarily qualify for AP Photo at MCS.



## Video Production

### Full Year. Grades 9-12

- Credit: Visual and Performing Arts— College Prep, Elective

In this class students will study filmmaking and create a wide variety of video-based projects such as bumpers, movie trailers, music videos, commercials, documentaries, and short films. Students will step through pre-production, production, and post-production processes. Also, students will learn proper cinematography techniques, lighting, and sound capture using different types of microphones. They will learn about the many job roles within the film industry (editing, screenwriting, sound design, lighting, acting, directing, and production), the basics of filming with DSLRs, editing videos using Adobe Premiere CS6, and how to utilize film to market a business. By taking this class, students will have unique opportunities to produce videos that may be used for chapel, social media, and even the school's website. At the completion of this course every student will not only have a solid foundation of knowledge and experience, but a video portfolio to market their own work. All students will present their productions and participate in the annual MCHS Art Show.

## HS Choir

### Full Year. Grades 9-12

- Prerequisites: Students in 6th grade will need to consider taking their computer class and SOAR (required) during the summer in order to take this class all year. Audition required.
- Credit: Visual and Performing Arts— College Prep, Elective

Choir is a one –year course open to grades 9 -12 interested in participating in a mixed choir (Soprano, Alto, Tenor, Bass). This course aids in the development of proper vocal technique and skills, focusing on tone, music reading, and ear training. Opportunities are provided for the students to explore choral music as a means of expression and communication while obtaining vocal proficiency. A wide variety of vocal techniques will be utilized, culminating in performances that are meaningful and a mandatory component of the course. Through the collaborative environment of the class, students develop an understanding of teamwork and performance etiquette. Students will perform at numerous events on and off campus presenting a variety of styles of music and compositions, to include Christian, Broadway and Pop music.

## Drumline

### One Semester. Grades 9-12

- Prerequisites: Students in 6th grade will need to consider taking their computer class and SOAR (required) during the summer in order to take this class all year.
- Credit: Visual and Performing Arts— College Prep, Elective

This class is for our drummers/percussionists. We offer the following instruments: Snares, Tenors (Quads), Bass Drums, Cymbals and Auxiliary Percussion. We will focus on all aspects of drumming including technique, rudiments, reading, and writing. This ensemble will perform all football games, Pep Rallies, and Christmas and seasonal concerts throughout the year. No experience necessary.

## Instrumental Music

### Full Year. Grades 9-12

- Prerequisites: Audition Required.
- Credit: Visual and Performing Arts— College Prep, Elective

The goals of this class are to develop and engage the music student through smaller contemporary music ensembles. Students will learn how to become confident, knowledgeable, and musical decision makers. The course

will present a strong emphasis on live performance, improvising, song writing, composing, arranging, editing and a hands-on approach in the recording arts. Students will learn applicable music theory that accompanies being a successful member of a smaller music ensemble. The course will also present the history and significance of music found in our contemporary music world. Meets the UC Visual/Performing Arts requirement.

## **Contemporary Music**

### **Full Year. Grades 10-12**

- Prerequisites: Audition Required.
- Credit: Visual and Performing Arts— College Prep, Elective

The goals of this class are to develop and engage the music student through smaller contemporary music ensembles. Students will learn how to become confident, knowledgeable, and musical decision makers. The course will present a strong emphasis on live performance, improvising, song writing, composing, arranging, editing and a hands-on approach in the recording arts. Students will learn applicable music theory that accompanies being a successful member of a smaller music ensemble. The course will also present the history and significance of music found in our contemporary music world. Meets the UC Visual/Performing Arts requirement.

## **Stagecraft**

### **One Semester. Grades 9-12**

- Prerequisites: none
- Credit: JH and HS Visual and Performing Arts— College Prep, Elective

Through exposure, exploration and project-based learning, students will identify and understand the various areas of technical theatre including scenic design, lighting, sound, costumes and more. Students will gain knowledge by working with designers, directors and producers of each school theatre production. Stagecraft combines the fields of visual arts, performance, technology, vocational training, design, business management, architecture, drafting, cultural history and theatre arts.

# COLLEGE PREP ELECTIVES

## MCHS

### Associated Student Body (ASB)

#### Full Year. Grades 9-12

- Credit: Elective
- Prerequisite: Application with teacher recommendation and interviews

This extra-curricular course allows students an opportunity to participate in the governing branch of the school. Students learn delegation, through the management and financial skills through planning, organizing and implementation events and fundraisers. Can be taken more than once for credit.

### ESL

#### Full Year. Grades 9-12

- Credit: Elective (Required for all International Students)

This two-semester, 2.5-credit course is designed primarily for first year international students typically in grades 9 and 10. This pass/fail course is differentiated to meet each student's needs as well as monitor their academic progress. Course material focuses on grammar and vocabulary development as well as improving reading comprehension, oral fluency, and listening skills. Additionally, students will receive further support in their English-credit classes. (\*Based upon test scores and/or teacher recommendation, students in their second year may also be required to take the class.)

### Senior Seminar

#### Fall Semester. Grade 12

- Credit: Elective

This fall semester course is for grade 12 only. It includes the following components: College application information and in-class preparation, in-class essay coaching, strengths assessments and activities (StrengthsFinder 2.0 - includes guest speaker), RIASEC-based assessments and career preparation (with professional guest speakers), labor market analysis with related projects, soft skills training, guest speakers including college representatives and more.

### Personal Finance

#### Semester. Grades 9-12

- Credit: Elective

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, budgeting basics, spending and credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

Every day, EVERY LESSON will matter. These will be lessons that will make a difference in the choices you make with your money every day of your life.

## **Intro to Marketing and Internship**

### **Semester. Grades 11-12**

- Credit: Elective

Introduction to Marketing is a course teaching the fundamentals of marketing and introducing students to modern digital and traditional marketing practices. This course is designed for students who have little or no experience with marketing, but are interested in understanding how marketing is useful to all career fields today. This course will include an in-class internship component where students will receive hands-on, real world experience.

## **Yearbook**

### **Semester. Grades 9-12**

- Credit: Elective

This Yearbook course features three units: Photography, Writing, and Design. Students will learn to use a DSLR camera to adjust settings like ISO, aperture, and shutter speed. Students will study journalistic writing techniques to cover school events, and will use Adobe InDesign to create professional layouts. Students will learn to work with a yearbook company to meet real-world deadlines and create an award winning publication.

# GENERAL ELECTIVES

## MCJHS

### SOAR

#### One Semester. Grade 6, JH transfer students

This course is designed to empower students with the skills they need to be successful in junior high school and higher education. This class will enhance executive functioning skills such as time management, organization, self-control, planning and test taking strategies. SOAR supports the development of a growth mindset and the academic skills students need for future success in school,

### Digital Literacy

#### One Semester. Grade 6-8

The computer class will give students a comprehensive understanding of common computer applications. This course introduces students to computer programs and applications that include understanding of computer and internet basics, Google Docs, Sheets & Slides, typing, coding, digital citizenship, and email etiquette.

### Spanish Prep

#### One Semester. Grade 6

This course is designed to be a step up and more in-depth study of the basic vocabulary terms and expressions. The students will add more terminology to their vocabulary usage such as names for animals, transportation, household items, while at the same time learning and implementing more grammar tools in order to be able to construct simple sentences and commands. This is a course that integrates all learning modalities with visual activities, games, and music in order to reach and engage all students.

### Art

#### One Semester. Grades 7-8

This is a semester-long course aimed at transitioning the student's knowledge from the Elements of Art (line, value, shape, color, space, texture, and form) to a beginning understanding of the Principles of Art (emphasis, unity, pattern, rhythm, balance, movement, and contrast). The Principles of Art will be the foundation of high school art and this course gives the students a taste of some of the easier concepts in this area. Projects include a variety of media to work with and explore.

### JH Choir

#### Full Year. Grades 6-8

- Prerequisites: Students in 6th grade will need to consider taking their computer class and SOAR (required) during the summer in order to take this class all year. Audition required.

Choir is a one year elective course open to 6 - 8 grade students interested in singing and performing. This course aids in the development of proper vocal technique and skills, focusing on tone, music reading, and ear training. Opportunities are provided for the students to explore choral music as a means of expression and communication

while obtaining vocal proficiency. A wide variety of vocal techniques will be utilized, culminating in performances that are meaningful and a mandatory component of the course.

## **Stagecraft**

### **One Semester. Grades 7-8**

- Prerequisites: none
- Credit: JH and HS Visual and Performing Arts— College Prep, Elective

Through exposure, exploration and project-based learning, students will identify and understand the various areas of technical theatre including scenic design, lighting, sound, costumes and more. Students will gain knowledge by working with designers, directors and producers of each school theatre production. Stagecraft combines the fields of visual arts, performance, technology, vocational training, design, business management, architecture, drafting, cultural history and theatre arts.

## **Broadcasting**

### **One Semester. Grades 7-8**

- Prerequisites: None

This course will introduce students to the fundamentals of broadcasting. Students will learn about various forms of media, including radio, television, podcasting, and digital platforms, and will gain hands-on experience in producing, editing, interviewing, and presenting content. Through practical monthly broadcast projects, they will develop technical, communication, and teamwork skills to create a monthly broadcast for the school.

## **Drumline**

### **One Semester. Grades 6-12**

- Prerequisites: Students in 6th grade may need to consider taking their computer class (required) during the summer in order to take this class all year.

This class is for our drummers/percussionists. We offer the following instruments: Snares, Tenors (Quads), Bass Drums, Cymbals and Auxiliary Percussion. We will focus on all aspects of drumming including technique, rudiments, reading, and writing. This ensemble will perform all football games, Pep Rallies, and Christmas and seasonal concerts throughout the year. No experience necessary.

## **Instrumental Band**

### **One Semester. Grades 6-12**

This intermediate band class provides an opportunity to play your instrument(s) in an organized ensemble of musicians. Music theory and note reading will be enhanced through playing and performing various styles of music, written for intermediate band. No Audition is necessary. This class is offered in addition to other required electives and is offered 5<sup>th</sup> period 11:45-12:30pm M,T,W,Th,F.

## **Math Enrichment**

### **One Semester. Grades 6-8**

This is a course to help students further develop their skills in mathematics. In this class, students will get help with any areas of math in which they need assistance. This course may be repeated as needed and requires teacher recommendation and administrative approval for assignment.

## **PLTW: Automation & Robotics**

### **One Semester. Grades 7-8**

Design, Build, and Program a Robot! Students use tools such as the engineering design process, an engineering notebook, and VEX Robotics® programming software to invent and innovate. Learn how creative thinking and problem solving can change your world! Automation and Robotics (AR) allows students to trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms. No prerequisite required for this course.

## **PLTW: New Design and Modeling**

### **One Semester. Grades 7-8**

Have you ever wanted to create a toy or a device to help people? Students use tools such as the design process, a dynamic mathematics software, a computer-aided design program, computer simulations, an engineering notebook, and possibly a 3D printer to design, model, and build objects. Discover the design process and turn your ideas into realities! Design and Modeling (DM) provides students opportunities to apply the design process, to solve problems creatively. A problem is introduced in the first activity and then students are asked to make connections to the problem throughout the lessons. Students learn and utilize methods for communicating design ideas through sketches, solid models, and mathematical models. Students will understand how to simulate models to represent an authentic situation and generate data for further analysis and observations. Students work in teams to identify design requirements, research the topic, and engage stakeholders. Teams design a toy or game for a child with cerebral palsy, fabricate and test it, and make necessary modifications to optimize the design solution. No prerequisite required for this course.

## **PLTW: Magic of Electrons**

### **One Semester. Grades 7-8**

Through hands-on projects, students explore electricity, the behavior and parts of atoms, and sensing devices. They learn knowledge and skills in basic circuitry design, and examine the impact of electricity on the world around them.

## **PLTW: Medical Detectives**

### **One Semester. Grades 7-8**

In the medical detectives course, students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, and investigate disease outbreaks.

## **PLTW: App Creators**

### **One Semester. Grades 7-8**

This course will expose students to computer science by computationally analyzing and developing solutions to authentic problems through mobile app development, and will convey the positive impact of the application of computer science to other disciplines and to society. Students will customize their experience by choosing a problem that interests them from the areas of health, environment, emergency preparedness, education, community service, and school culture. Because problems in the real world involve more than one discipline, the unit will introduce students to biomedical science concepts as they work on solutions for the specific problems they choose to tackle.

## **Entrepreneurial Expeditions**

### **One Semester. Grades 7-8**

- Prerequisites: completion of Digital Literacy

This course will cover various aspects of starting a food truck business, including market research, menu development, branding, and financial planning. Students will be doing projects using various applications such as Google Docs, Google Sheets, Google Slides and Canva to create important documents/designs necessary to help organize their food truck business.. By the end of the course, students will have a solid understanding of what it takes to launch a successful food truck and will have developed their unique food truck concept.

## **Ocean Discovery**

### **One Semester. Grades 7-8**

In this course, students will explore the wonders of the ocean through the lens of science and God's creation. Students will investigate natural phenomena such as ocean currents, natural disasters/storms, and unique ecosystems across the globe through hands-on research, labs, and projects. Over the course of the semester, students will gain a rudimentary introduction to Oceanography, Marine Biology, and Marine Conservation.

## **Speech and Debate**

### **One Semester. Grades 7-8**

This course is designed for students who are new to public speaking, oral communication, and debate. Participants will gain a strong grasp of the essential principles of oral communication and practice delivering effective brief speeches in front of their classmates. Additionally, students will learn the basics of debate, which include conducting research, crafting arguments and rebuttals, and utilizing flow charts for effective note-taking. They will have the opportunity to apply these skills in various classroom debates. The goal of this elective is to excel in the art of expressing messages clearly and concisely, while also ensuring that the communication is pleasing to the Lord.

## **MCHS-**

General Electives are offered by MCHS as an opportunity for students who are interested in additional creative and/or practical training.

## **Associated Student Body (ASB)**

### **Full Year. Grades 9-12**

- Credit: Elective
- Prerequisite: Application with teacher recommendation and interviews

This extra-curricular course allows students an opportunity to participate in the governing branch of the school. Students learn delegation, through the management and financial skills through planning, organizing and implementation events and fundraisers. Can be taken more than once for credit.

## **ESL**

### **Full Year. Grades 9-12**

- Credit: Elective (Required for all International Students)

This two-semester, 2.5-credit course is designed primarily for first year international students typically in grades 9 and 10. This pass/fail course is differentiated to meet each student's needs as well as monitor their academic progress.



Course material focuses on grammar and vocabulary development as well as improving reading comprehension, oral fluency, and listening skills. Additionally, students will receive further support in their English-credit classes. (\*Based upon test scores and/or teacher recommendation, students in their second year may also be required to take the class.)

# PHYSICAL EDUCATION

## MCJHS

The Physical Education curriculum has a scope and sequence based on goals and objectives that are appropriate for all students. It includes a balance of skills, concepts and games designed to enhance the cognitive motor, and physical fitness development of every student. Students will learn that they are responsible for maintaining a healthy body consistent with God's Word. (Romans 12:1) "Present your bodies a living and holy sacrifice acceptable to God."

### **P.E. (Boys' And Girls')** **Full Year. Each grade. Grades 6-8**

- Credit: PE

This class will focus on the importance of physical fitness and team sports. This will be accomplished through various physical activities that promote overall general health and fitness, increase muscular strength and endurance, improve flexibility and the cardiovascular system, and promote a positive, biblical self-image.

Class Activities: Each of the activity units varies in length from two weeks to four weeks). The units allow the instructors adequate instructional time to structure the learning environment for success. The chart below shows the activity units currently being offered. During the year, boys and girls participate in similar units. Physical Education Instructors may not cover all of the activities listed in a single year.

Seventh and Eighth Grades Class Activities:

- Flag Football
- Volleyball
- Soccer
- Basketball
- Baseball
- Softball
- Variety of team building games

All students are pretested in a battery of fitness tests at the beginning of the year, and then are retested throughout the year. The pretest results are used as a starting point for each student. Post-test results are used to determine individual achievement and improvement. The fitness tests are listed below.

- Push-ups
- Sit-ups
- 20 Meter Pacer Test
- Mile Run

### **Independent Study Physical Education** **4 semesters total. Grades 7-8**

Available by application only, ISPE is for the exceptional athlete who is training and/or performing/competing in a unique sport not traditionally offered at MCJHS. The course must be regularly scheduled instruction or training meeting at least a minimum of 10 hours per week for 18 consecutive weeks under the on-going instruction of a

qualified instructor. Hours must run concurrent with the school's published calendar. Application is available on the school website and is due prior to the start of the semester.

## **MCHS**

The foundation of MCHS athletics is based upon the Word of God. The desire of the athletic department is to produce active, positive, productive, Christian men and women who honor God. Actions by players, coaches and parents, both on and off the field, should reflect who we are and who we represent. Students are required to complete 4 semesters of Physical Education to fulfill the graduation requirement. Those who do not fulfill the PE requirement through Interscholastic or Independent Study PE will be required to take Physical Education. The objective of these courses is to equip students with skills they will employ in a lifetime of fitness and good health. Grades in curricular and extracurricular athletics are earned through participation, attendance attitude and dressing out.

### **Physical Education (PE) 4 semesters total. Grades 9-12**

This class is designed to acquaint each student with the rules, strategies, and skills involving many of the following activities: volleyball, basketball, football, soccer, softball, baseball, badminton, golf, weight training, aerobics, and recreation games. In physical education courses, students will experience a wide variety of exercises for flexibility, muscular strength, and endurance, as well as cardiovascular endurance. Students will be exposed to fitness concepts, principles, and strategies; and nutrition for wellness. Students will be expected to improve and/or maintain their level of physical fitness for health and performance through regular daily participation. Students will learn that they are responsible for maintaining a healthy body consistent with God's Word. (Romans 12:1) "Present your bodies a living and holy sacrifice acceptable to God." Students will learn that they are responsible for maintaining a healthy body consistent with God's Word.

All students are pretested in a battery of fitness tests at the beginning of the year, and then are retested throughout the year. The pretest results are used as a starting point for each student. Post-test results are used to determine individual achievement and improvement. The fitness tests are listed below.

- Push-ups
- Sit-ups
- 20 Meter Pacer Test
- Mile Run

### **Interscholastic Athletics 5 credits per season**

Physical Education credit can be achieved through participation in an Interscholastic team sport. Enrollment in these courses will be made with the instructor's prior approval. These classes are held before and after regularly scheduled school hours and receive 5 credits. A general athletic participation fee will apply. Fall: Cross-Country, Girls Volleyball, Football, Girls Golf, Cheer. Winter: Boys and Girls Soccer, Boys and Girls Basketball. Spring: Boys Golf, Baseball, Softball, Boys Volleyball, Boy and Girls Track and Field.

### **Independent Study Physical Education 4 semesters total. Grades 9-12**

Available by application only, ISPE is for the exceptional athlete who is training and/or performing/competing in a unique sport not traditionally offered at MCHS. The course must be regularly scheduled instruction or training meeting

at least a minimum of 10 hours per week for 18 consecutive weeks under the on-going instruction of a qualified instructor. Hours must run concurrent with the school's published calendar. Application is available on the school website and is due prior to the start of the semester.