



CALVARY CHAPEL MIDDLE SCHOOL **CURRICULUM GUIDE**

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Welcome to Calvary Chapel Middle School,

We have been praying for you and waiting for your arrival. There is so much that God has planned for your life, educationally and spiritually. As you continue your educational journey, God's path for you is clear and planned. And, we know that CCS 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 CCS 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.

INTRODUCTION TO CCMS STUDENTS AND PARENTS

Dear Students,

Welcome to CCMS. We are honored that you are choosing to continue your education with us. Even though the educational path laid out before you may seem difficult, know that your staff and administration are praying for you to conquer the achievements that await you. The course selection that is laid out for you will allow you to grow as a student in many areas. Your years at Calvary Chapel Middle 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 He created. Remember, there is always something to learn and someone to learn it from.

Dear Parents,

This guide has been designed to help you be informed about the academic program we offer at CCMS and take an active role in planning your child's course selection. It includes important information and tools that will guide you through the school year and beyond, and aid you in choosing the courses offered at the middle school. *All subjects at Calvary Chapel Schools are taught from a Biblical worldview as defined by the Calvary Chapel Statement of Faith.* Please discuss the course options with your son or daughter before selecting classes for next year.

God Bless You!

CCMS Administration

Mission Statement

Our mission is to Build Tomorrow's Christian Leaders Today. Matt.28:19-20

Vision Statement

The Vision of Calvary Chapel Schools is To Build Tomorrow's Leaders Today by lovingly engaging, educationally equipping, and personally empowering all students to be ready and prepared for the future.

Value Statements

People - We value people as those whom Christ loved and died for.

Growth - We value growth as part of the necessary process of maturity.

Collaboration - We value collaboration as each of us is a member of the body of Christ.

Leadership - We value leadership from each person using their God-given opportunity to influence the whole body of Christ.

Glorify God - We value the glory of God, as we desire all we say or do to bring God glory according to His Word and His will.

School Verse

"Those who hope in the Lord will renew their strength. They will soar on wings like eagles; they will run and not grow weary, they will walk and not faint." Isaiah 40:31

Schoolwide Learning Goals

Communication

Demonstrate effective written and verbal communication

“From a wise mind comes wise speech; the words of the wise are persuasive.” Proverbs 16:23

Comprehension

Demonstrate the ability to know and comprehend course materials

“Behold, my eye has seen all this, my ear has heard and understood it.” Job 13:1

Critical Thinking

Demonstrate the ability to collect, analyze, and apply information using critical thinking skills

“So that you incline your ear to wisdom, and apply your heart to understanding.” Proverbs 2:2

Cooperation

Demonstrate cooperation by working together to accomplish shared goals

“For as we have many members in one body, but all members do not have the same function, so we, being many, are one body in Christ, and individually members of one another. Having then gifts differing according to the grace that is given to us, let us use them...” Romans 12:4-6a

Creativity

Demonstrate creative initiative through the inventive use of resources

“So, he who had received five talents came and brought five other talents, saying, ‘Lord, you delivered to me five talents; look I have gained five more talents besides them.’ His lord said to him, ‘Well done, good and faithful servant; you were faithful over a few things, I will make you ruler over many things. Enter into the joy of the lord.’ Matthew 25:20-21.

NOTE: Calvary Chapel Schools does not discriminate based on race, color, or national and ethnic origin in admissions policies, scholarship programs, athletics, and any other school-administered programs. CCS grants students of any race, color, and national or ethnic origin all the rights, privileges, programs, and activities generally made available to students. CCS reserves the right to select students based on their worldview, lifestyle choices, academic performance, and personal qualifications, including a willingness to cooperate with the CCS Administration and to abide by school policies. All students must have a desire to attend Calvary Chapel Schools and agree to honestly and wholeheartedly apply themselves to the study of God’s Word. They must also agree to be courteous and respectful to their peers, staff, faculty, and others.

REQUIREMENTS

CCMS Course Requirements

Calvary Chapel Middle School is a Christian institution that emphasizes Christian principles within its educational framework. All students must enroll in Bible classes and participate in weekly chapel services. The academic curriculum equips students for success in high school and higher education. It aligns with California State and Common Core Standards, as well as University Requirements, and offers personalized study programs. The curriculum aims to enhance academic abilities while promoting inquiry, creativity, and a passion for learning.

Grade 6

Required Courses & Length of Study

Bible 6 One Year
English 6 One Year
Science 6 One Year
Math 6 One Year
Social Science 6 One Year
Physical Education 6 One Year

Elective Courses Length of Study

Computers One Semester
Study Skills One Semester
6th Grade Band
Student Success Two Semesters

Grade 7

Required Courses Length of Study

Old Testament One Year
English 7 or Enhanced English 7 One Year
Life Science One Year
Math 7 or Advanced Math 7 One Year
World History One Year
Physical Education One Year

Elective Courses Length of Study

(Based on student interest and teacher availability)

Drumline One Semester

Middle School Band One Semester

Percussion

Spanish One Semester

Computers One Semester

Student Success Two Semesters

Grade 8

Required Courses Length of Study

New Testament One Year

English 8 or Enhanced English 7 One Year

Physical Science One Year

Math 8 or Advanced Math 8 (Integrated Math I) One Year

US History One Year

Physical Education One Year

Elective Courses Length of Study

(Based on student interest and teacher availability)

Drumline One Semester

Advanced Band One Semester

Art One Semester

Creative Writing One Semester

Spanish One Semester

Coding/Circuits One Semester

Yearbook Two Semesters

Student Success Two Semesters

Percussions One Semester

COMMUNICATION

FACTS

Communicating with parents regarding their students' academic progress is a priority. FACTS is a valuable tool that allows parents and students to connect in the academic process and make informed decisions about their students' needs.

Parents and students should establish a FACTS login and utilize this as a significant source of information on class grades, homework, lesson plans, report cards, progress reports, and attendance.

First Time User Instructions:

1. Go to www.calvaryschools.org
 2. Choose Calvary Chapel Middle School
 3. Select the FACTS tab (add a “bookmark” on your computer at this step)
 4. Select the First Time User tab
 5. School ID: CALCS-CA
 6. Email: Email on file with the school
 7. Select New Parent Login and/or New Student Login
 8. Check your email for your password, and please call the school office if you have questions.
- 1.**

ACADEMIC GUIDELINES

Class Schedule Changes

Class Schedule Changes may be requested within the first week of the semester. Changes may be made through the second week of each semester.

Curriculum Adoption Process

Calvary Chapel Schools forms committees to review the curriculum and make recommendations for curriculum materials. Our teachers and staff are committed to investing in your student to prepare them spiritually, emotionally, socially, and academically to give them “a future and a hope.” Jeremiah 29:11. The school’s goal is to provide the most up-to-date, standards/research-based, and appropriate materials for students. Teams composed of people with teaching and subject-matter expertise, administrators, and parents help to meet this goal.

We use a variety of publishers for our textbooks, including McGraw-Hill, BJU, Pearson, Savvas, and Houghton Mifflin Harcourt. Textbooks are evaluated and selected based on their academic content to ensure they meet California State Standards.

Our teachers are trusted to present materials from a Biblical worldview, select the chapters and selections in textbooks they need to focus on, and lead discussions that allow students to grow and develop. We present information and lead discussions appropriate to the students' maturity levels.

CCS' mission is to "prepare tomorrow's Christian leaders today." Our teachers are nurturing our students to be resilient in their faith, equipped with academic knowledge, and capable of making a meaningful impact for Christ in a secular society through diverse curricula and divine guidance.

Not all curriculum textbooks at CCMS are from Christian Publishers, but all curriculum is taught by Christian teachers from a Biblical Worldview. The curriculum selection is as follows:

1. After three years, a textbook may be considered for replacement. Department Heads discuss their departments' curriculum needs and begin researching curriculum that aligns with CSS.
2. Department Heads complete an electronic form with department textbook requests.
3. A Curriculum Committee comprised of the Executive Director, CCMS Principals, Department Head, and two PTF parents who will review textbooks for content and alignment with CCS. All textbook purchases are approved or denied by the Curriculum Committee.

Grading Scale

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

100 -97.5 A+

97.4-93.5 A

93.4-89.5 A-

89.4-86.5 B+

86.4-83.5 B

83.4-79.5 B-

79.4-76.5 C+

76.4-73.5 C

73.4-69.5 C

69.4-66.5 D+

66.4-63.4 D

63.4-59.5 D-

59.4-Below F

Middle School Promotion

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

Enhanced/Advanced

These courses are intended for students who meet the prerequisite qualifications. Students can expect to cover more material than in regular classes. Enhanced/Advanced courses move at a faster pace than regular classes, and English will require more writing and additional reading. Students who earn a C grade may be asked to join a regular class

Students are required to maintain a 2.0 Academic GPA by the end of each semester.
Students who fall below this level may be placed on Academic Probation.

Progress Reports and Report Cards

The school year is divided into two 18-week semesters. CCS offers parents and students detailed grade book progress reports at any time via FACTS. Parents are encouraged to visit FACTS often to stay updated on their student's academics and detailed progress. As an added convenience, CCMS will email the following grade reports:

Progress Reports

Your student's grades are cumulative up to the end of the semester. CCMS will email progress reports after the completion of 6 and 12 weeks of each semester. This information is also available "live" and in detail through FACTS 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 the student's permanent record. These grades help to determine course advancement and ultimately promotion to high school. The Middle School report card is not used for college admissions.

Honor Roll

After each semester, a list of students who have achieved academic distinction will be published. Students who have an Academic GPA of 3.5 or higher will be listed on the Honor Roll. Students who have an Academic GPA of 3.75 or higher will be honored with the Principal's Award.

Academic Probation and Student Success

A student may be placed on academic probation for one semester if their GPA falls below 2.0. Students on academic probation will not be able to participate in extra-curricular school athletics and may be excluded from school activities (such as field trips). A probationary student may be asked to withdraw from CCMS if their GPA remains below 2.0 for more than three terms. If, however, the student has achieved a GPA of 2.0 or higher at the end of the probationary term, they will be removed from academic probation. *Note: Student grades are evaluated at the end of each term to ensure that all students are meeting standards and striving toward a 2.0 or higher.

CALVARY CHAPEL PRIVATE SCHOOL PROGRAM

Home School Guidelines

Calvary Chapel School (CCS) is a ministry of Calvary Chapel Costa Mesa (CCCM). All home-schooled students requesting classes at CCMS must be members of the Calvary Chapel Private School Program (CCPSP).

After determining class availability, a CCPSP student may enroll for the upcoming semester. Registration must be completed with the CCS Accounting Office before classes can be scheduled. All selected classes must be concurrent in the school day, with no free periods between them. CCPSP students are not to remain on campus while classes are in session. CCPSP students must be in the school dress code while on campus. It is the student's responsibility to be aware of Chapel schedules or changes in class time.

Parents and students will have access to report cards at the end of each semester. It is the student's responsibility to submit the school grades to CCPSP. Calvary Chapel Schools will NOT provide transcripts for CCPSP students. CCPSP students who desire to attend CCS full-time must submit an application in December for the following fall term. CCPSP does not participate in the promotion ceremony.

CCS Athletics for CCPSP

Home-schooled athletes are required to have CCPSP as their school of record, apply and enroll in CCMS, and undergo an interview to be eligible for CCMS sports. Registration packets for sports only are available through the home school office. Athletic fees are due with registration. Grades must be reported to the CCS athletic office every 6 weeks to determine athletic eligibility. Late-grade reporting will result in an inability to participate.

Students expelled from CCS are not eligible to participate in CCS sports for at least one year following an expulsion.

COURSE DESCRIPTIONS

BIBLICAL STUDIES

Calvary Chapel Middle School holds the view that parents bear the primary responsibility for their children's Bible education. The Bible Department offers Bible instruction rooted in the Christian tradition, which nurtures, supports, and enhances the training provided by parents. Students learn the significance of self-discipline, respect for themselves and others, integrity, and service to others. Additionally, students are encouraged to cultivate their talents and to acknowledge God's gifts in their lives.

BIBLICAL STUDIES 6

Full Year, Grade 6 Credit: Bible – CCMS Required Study

What an exciting time this is for our kids! They are at a pivotal moment where they are beginning to question and form their own opinions and ideas about the things they've been told and taught. This can be tiresome and nerve-wracking, but also very exciting! This is where they begin to choose what to believe. It is good to question what and why you believe something. Christian author Max Lucado said, "Our belief in God is not blind faith. Belief is having a firm conviction that something is true, not hoping it's true." Our heart's desire is to help our students know God is real, grow in His word, and see themselves and others through the eyes of Jesus.

This course aims to assist students in solidifying their understanding of a distinctly biblical worldview in which they integrate their faith with their academic knowledge. Through this comprehensive approach, students are empowered to not only stay steadfast in their Christian beliefs but also to actively contribute positively to society.

OLD TESTAMENT SURVEY

Full Year, Grade 7-8 Credit: Bible – CCMS Required Study

This course introduces students to the historical, theological, and life-transforming content of the Old Testament. An emphasis is placed on Christian living, doctrine, character studies, individual book themes, and devotional reflection upon the person of Jesus as foreshadowed in the Old Testament. Students study Old Testament scriptures with an emphasis on the biblical roots of their faith. God is presented as the Creator, who cares deeply for His people and interacts in their lives. Special focus is placed on the importance of prayer and developing a personal relationship with Christ. Students also

explore Christian values concerning family life and morality. Through these studies and by applying Biblical lessons to their daily lives, students learn to appreciate their God-given talents as well as the gifts and talents of those around them.

NEW TESTAMENT SURVEY

Full Year, Grade 7-8 Credit: Bible – CCMS Required Study

This course introduces students to the historical, theological, and life-transforming content of the New Testament. An emphasis is placed on Christian living, doctrine, character studies, individual book themes, and devotional reflection upon the life of Jesus Christ. Students are challenged to live a lifestyle that involves trust, the ability to handle temptation, and the knowledge to make moral decisions. Students are guided towards an understanding of the importance of faith and establishing a personal relationship with God through a study of the life of Christ, prayer, and the reading of His Word. Using the example of Christ, students come to understand their giftedness and the need for them to make faith-filled commitments to themselves, their community, and their God.

ENGLISH LITERATURE

The goal of the CCMS English program is to help students develop their writing ability and appreciation of good literature. By examining major works, students develop and refine their reading, writing, and analytical skills. Each course is designed to help students read works for their distinctive portrayals of characters with an increasingly sharp eye for how authors bring human experience to life. Students respond to literature in personal, imaginative, and analytical writings, as well as by participating in oral work—discussions, dramatic readings, and presentations. While deepening their study of characters' successes and failings, students become more aware of the complexities inherent in becoming compassionate, responsible, and ethical human beings.

At every level, the program encourages and rewards critical thinking and clear expression. In addition, over the three years, students learn basic concepts of grammar and rhetoric and how to apply them in their writing. The English department hopes that each student will graduate able to write effectively for a variety of purposes and with the distinctive kind of self-enlargement that comes through acquaintance with great works of the literary imagination.

ENGLISH 6

Full Year, Grade 6 Credit: English – CCMS Required Study

6th-grade English Language Arts will cover all components of the English language: grammar, language, vocabulary acquisition, reading comprehension, and writing. In all areas, students will be challenged to build on existing skills and knowledge to create a deeper understanding

Coursework emphasizes the development and refinement of students' abilities to think critically, analyze fiction and nonfiction texts, and communicate both personal ideas and the ideas of others. Students will read texts across many genres and will be able to identify and infer the main ideas, structures, points of view, themes, and authors' purposes. They will demonstrate growth in their ability to write clearly by producing samples of summaries, literary analysis essays, and argumentative essays. In writing, there will be a focus on providing textual evidence to support ideas and strengthen claims.

Students will also be required to participate in collaborative work and discussions, give presentations, and work on creative projects. This will help foster interest and shed light on the relevance of what we are reading and writing about in class.

ENGLISH 7

Full Year, Grade 7 Credit: English – CCMS Required Study

This course is designed to develop students' foundational understanding of how and why to study English. By reading a variety of novels, short stories, and poems, students will identify and analyze literary elements and devices used in several genres. In addition, students will learn to read informational and argumentative non-fiction texts and use credible evidence to support their ideas. Frequent writing practice with a focus on structure and organization is a cornerstone of the course. Students will dedicate time to the mastery of academic vocabulary and basic grammatical structures as they exist in writing.

Enhanced English 7 Enhanced English is offered to students after an evaluation of their grades, MAP tests, a Grammar and Writing assessment, and principal approval.

ENGLISH 8

Full Year, Grade 8 Credit: English – CCMS Required Study

English 8 builds upon the foundation established in 7th grade while preparing students for the rigors they will face in high school. Students will analyze various written material, including poetry, short stories, plays, and novels. Key literary elements will be taught while students investigate a variety of themes and writing styles. Vocabulary knowledge will continue to be expanded to improve the student's ability to speak and write with clarity and efficacy. Students will continue to develop the essay-writing skills that were taught in 7th grade, with ample opportunities for creative and poetic writing. Additionally, students will continue to enhance their oratory skills in both small-group and whole-class settings.

Enhanced English 8

Enhanced English is offered to students after an evaluation of their grades, MAP tests, a Grammar and Writing assessment, and principal approval.

GENERAL ELECTIVES

Electives are offered as an opportunity for students who are interested in additional enrichment, practical, or remedial training. Elective courses are calculated into the academic GPA. Below is a list of potential elective options to choose from.

ART

One Semester, Grade 7-8 Credit: Elective

This course will review basic 2D design concepts before moving on to 3D design. Art history, aesthetics, cross-cultural, and practical applications will be the focus of the course. Students will work with found objects and a variety of materials to create theme-based projects that enhance their relationship with the world around them. The concept of designing an implementation to critique will be the underlying curriculum of this semester-long art class.

COMPUTERS I

One Year, Grade 6 Credit: Elective

This course is designed to provide students with important pathways to computer technologies by offering comprehensive methods of instruction covering a variety of building blocks for computer content knowledge, such as typing speed and accuracy, digital literacy, utilizing computer software, and computer ethics. Students will have the opportunity to complete classwork, assignments, and projects with said technologies.

COMPUTERS II

One Semester, Grade 7-8 Credit: Elective

This course is designed to provide students with important pathways to computer technologies by offering comprehensive methods of instruction covering a variety of building blocks for computer content knowledge, such as typing speed and accuracy, digital literacy, programming, data analysis, web design, troubleshooting, and computer ethics. Students will have the opportunity in class to complete classwork, assignments, assessments, and projects with said technologies.

CREATIVE WRITING

One Semester, Grade 7-8 Credit: Elective

In this course, students will explore different genres of writing through both reading and writing, as well as the other necessary elements needed to improve their writing and composition skills. Through

writing, thinking, and discussing, students will become better readers, writers, and thinkers.

CIRCUITS AND CODING

One Semester, Grade 7 - 8 Credit: Elective (prerequisite Computers II)

This hands-on course introduces the fundamentals of circuits and coding using the littleBits STEAM+ Class Pack. Students will explore the world of engineering, coding, and technology while engaging in collaborative projects that encourage critical thinking and problem-solving. This course is designed to prepare students for a High School robotics class, though it is not a prerequisite.

INTRODUCTION TO SPANISH

One Semester, Grade 8 Credit: Elective

This course is intended to introduce the Spanish language and foster cultural awareness of traditions and everyday life. We will immerse ourselves in the culture and language of Spanish-speaking people around the world. We will refine our communication skills, gain different cultural perspectives, compare the Spanish language and culture to our own, and see the Hispanic influence within our community. This course is designed to cultivate a student-centered learning environment that promotes meaningful and authentic learning opportunities for continued growth and lifelong learning.

MULTIMEDIA

One Semester

Multimedia is the perfect course for students who want to explore the world of digital creativity. Designed as a hands-on introduction to a wide range of visual media, students will rotate through different software programs every few weeks, learning the basics of photo editing, graphic design, filmmaking, special effects, and more. Each unit gives students a chance to create unique projects while building real-world digital skills.

STUDENT SUCCESS PROGRAM

One Semester, Grade 6-8 Credit: Elective (by recommendation)

The Student Success class aims to provide extra support and guidance for students facing academic challenges. To achieve this, essential concepts from core academic subjects are revisited, discussed, and reinforced in both small-group and whole-class environments. Various strategies are implemented to assist students with organization and preparation, meeting assignment deadlines, completing projects, and performing well in classroom assessments.

STUDY SKILLS

One Semester, Grade 6 Credit: Elective (assigned)

This course is geared to equip students for successfully meeting the academic challenges that await them in middle and high school. Students are taught a variety of skills and strategies to aid them in becoming efficient and effective in their schoolwork. Topics covered include note-taking, study strategies, time management, and organization.

YEARBOOK

One Year, Grade 7-8 Credit: Elective

This course trains each student in areas of discipline, organization, and interpersonal working relationships with others while completing the school's yearbook. Under the direction of the teacher, the staff is responsible for selecting the yearbook theme, designing the page layout, taking photographs, writing photo captions, and collaboratively building the various sections of the yearbook.

DRUMLINE

One Semester, Grade 7-8 Credit: Elective

Drumline explores drumline percussion instruments from the beginning level, focusing on music reading, proper playing technique, and performance of basic drumline cadences. No prerequisite is required. Students are required to practice their instruments at home to progress and prepare for the drumline music performance.

MIDDLE SCHOOL BAND

One Semester, Grade 6 Credit: Elective

Middle School Band continues with intermediate-level instruction in brass, woodwind, and percussion instruments, focusing on music for concert band, pep band, and/or jazz band. At least one year of prior study on an instrument is preferred. Students are required to practice their instruments at home to progress and prepare music for performances.

MIDDLE SCHOOL ADVANCED BAND

One Semester, Grade 7-8 Credit: Elective

Advanced Band is a performance-oriented course where students learn to improve their skills of playing a band instrument, both as individuals and especially as an ensemble. Students are required to

practice their music at home. There will be several performances during the semester, with attendance required at all performances.

PERCUSSION ENSEMBLE

One Semester, Grade 7-8 Credit: Elective

Percussion explores an array of percussion instruments (snare drum, bass drum, cymbals, mallets, timpani, etc.) from the beginning level, focusing on music reading, proper playing technique, and performance. No prerequisite is required. Students are required to practice their instruments at home to progress and participate in several percussion performances.

WORSHIP TEAM

One Semester, Grade 7-8 Credit: Elective (application required)

This course is designed to improve skills in musicianship and leadership. Students will have the opportunity to study the Biblical approach to worship and incorporate a lifestyle of worship into their everyday routine. Students will also regularly lead worship for chapels and other school events. The goal of this course is to teach students how to be servants of Christ.

MATHEMATICS

The study of Mathematics provides a glimpse of the creative attributes of God. Through mathematics, students have the opportunity to better understand the world around them and the God of order and logic. They can further appreciate their world and the universe God created. The math curriculum teaches students how to apply mathematical concepts in everyday life and to further their growth in abstract reasoning, critical thinking, and problem-solving. Students will discover the workings of mathematics in many disciplines and careers. The math program will help students develop the skills required to function in daily situations and prepare those students who desire to pursue studies in advanced mathematics in a college or university.

MATHEMATICS 6

Full Year, Grades 6 Credit: Mathematics – CCMS Required Study

In this course, students begin the year focusing on number sense. They will extend the notion of the number system to include the concept of integers (positive and negative numbers) using horizontal and vertical number lines. They will finish the concepts of operations with whole numbers, decimals, and fractions, including the division of fractions. The next major area of instruction is the concept of ratios and rates.

Students will be expected to read, write, and evaluate expressions including both numbers and variables. Students will solve one-step linear equations from both mathematical and real-world contexts. Another critical area is beginning the study of equations and inequalities. The concept of percent will also develop from rate reasoning. Next, students will build on their knowledge of data analysis to extend a deeper understanding of analyzing data distribution and appropriate measures of center and variability. In Geometry, sixth-grade students are building on previous grade-level understandings of length, area, and volume.

The focus of Math 6 is on developing and using formulas for the area of triangles and parallelograms and the volume of rectangular prisms. Finally, sixth-grade students will develop their comprehension of statistical reasoning.

MATHEMATICS 7

Full Year, Grades 7 Credit: Mathematics – CCMS Required Study

This course investigates integers, decimals, and fractions using the fundamental operations of arithmetic. Algebraic concepts are introduced via the study of the order of operations, inverse operations, exponents, graphing, and the use of formulas and variables in expressions and equations. Basic skills are reinforced through the development of problem-solving strategies that include number

theory, fractions, decimals, percentages, ratios, and geometry.

ADVANCED MATHEMATICS 7

Full Year, Grades 7 Credit: Mathematics – Meets Graduation Requirement Only Prerequisite: 6th-grade students need to pass a math placement exam and have administrative approval.

This course is designed to introduce students to the fundamental concepts that are necessary for success in Algebra I. Students will be instructed in decimals, integers, equations, inequalities, geometry, ratios, proportion, coordinate planes, areas, volume, square root, probability, statistics, and polynomials.

MATHEMATICS 8

Full Year, Grades 8 Credit: Math – CCMS Required Study

This course is designed to introduce students to the fundamental concepts that are necessary for success in Algebra I. Students will be instructed in decimals, integers, equations, inequalities, geometry, ratios, proportion, coordinate planes, areas, volume, square root, probability, statistics, and polynomials.

ADVANCED MATHEMATICS 8 (Integrated Math I)

Full Year, Grades 8 Credit: Mathematics

This course is the beginning of the college preparatory sequence. It explores the basic concepts of function and reinforces algebraic thinking. The course develops a precise mathematical language and understanding of the mathematical structure and undertakes the study of the foundations of algebra, the sets of real numbers, including rational and irrational numbers, equations, inequalities, polynomials, factoring expressions, algebraic fractions, linear equations, systems of equations, quadratic functions, data analysis, and probability.

PHYSICAL EDUCATION

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.

P.E. (BOYS' and GIRLS') 6

One Year, Grades 6 Credit: PE

Our aim in 6th-grade physical education is to develop physically literate students who have the knowledge, skills, and confidence to enjoy a lifetime of healthful physical activity. To accomplish this, students will learn the skills necessary to participate in a variety of physical activities, know the implications and benefits of involvement in various physical activities, participate regularly, and value P.E. and its contributions to having a healthy lifestyle. Along the way, students will demonstrate sportsmanship, teamwork, and cooperation with an emphasis on developing strong, Godly characteristics.

Class Activities: Each of the activity units varies in length from three weeks to five 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.

Sixth Grade Class Activities:

Basketball
Volleyball
Softball/Baseball
Dance
Pickleball
Indoor Soccer
Running (Distance)

Games:
Kick Ball
Dodgeball
Whiffle Ball
Snake Pit
Tic Tac Toe Relays

All students are pretested in a battery of fitness tests at the beginning of the year and then 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. Student scores are determined by age-specific standards. Awards are presented at the end of the year for students who meet the various test standards. The fitness tests are listed below.

Push-ups
Shuttle Run

Curl-ups (Sit-ups)
Sit & Reach (Hamstring Flexibility)

Timed Mile Run
40 Yard Dash

Standing Long Jump
Pacer Test

P.E. (BOYS' and GIRLS')

One Year, Grades 7 - 8 Credit: PE

This class will focus on the importance of dynamic stretching, 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 three weeks to five 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:

Basketball
Volleyball
Softball/Baseball
Dance
Pickleball
Indoor Soccer
Running (Distance)

Games:
Kick Ball
Dodgeball
Whiffle Ball
Snake Pit
Tic Tac Toe Relays

All students are pretested in a battery of fitness tests at the beginning of the year and then 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. Awards are presented at the end of the year for students who meet the various test standards. The fitness tests are listed below.

Push-ups
Shuttle Run
Mile Run
40 Yard Dash

Curl-ups (Sit-ups)
Sit & Reach (Hamstring Flexibility)
Standing Long Jump
Pacer Test

SCIENCE

The Science Department is devoted to the concept of enhancing student growth in their understanding of scientific concepts and the development of both cognitive and effective scientific thinking skills. In-depth reasoning is encouraged through hands-on science laboratory assignments as well as the integration of mathematics, English grammar concepts, and computer technology. Students are taught to value their role as part of a complex environment, including the solar system, the Earth, the science of all life, and the physical universe. Student enthusiasm is generated and utilized through hands-on investigation and activities. Effective thinking skills are enhanced by acknowledging that scientific knowledge complements the Universal Truth of God's existence. The overall philosophy of the department is to develop in students a sense of wonder and responsibility as guardians of God's creation as they study the universe using a controlled and systematic approach.

EARTH SCIENCE

Full Year. Grade 6 Credit: Science – CCMS Required Study

Earth Science focuses on the necessary science skills and content knowledge. The science skills learned in 6th grade are process skills, science tools, and the scientific method. The content learned is earthquakes: faults, causes, recording and interpreting data from earthquakes; Volcanoes: causes, locations, classifying by shape and eruption, effects and products of volcanoes; Weathering and erosion: types and examples of mechanical and chemical weathering, agents of erosion, types of erosion; Soil: particles and texture of the soil, formation, horizons; Natural resources: renewable and nonrenewable energy resources (fossil fuels, nuclear energy, hydroelectric energy, geothermal energy, wind energy, solar energy), minerals, metals, soil conservation, water, reduce, reuse, recycle

LIFE SCIENCE

Full Year. Grade 7 Credit: Science – CCMS Required Study

The seventh-grade science curriculum is devoted to the study of the major branches of life science: cell physiology, microbiology, botany, zoology, human anatomy, physiology, and genetics. Throughout the year, the students investigate the features, functions, and relationships among representative organisms in the six kingdoms, reinforcing the notion that life can only be fully understood and appreciated when it is recognized as a product of divine goodness and wisdom. The program is further enhanced by involving the students in hands-on laboratory investigations or activities that follow scientific methods and are specifically designed for the material being studied. Laboratory safety is consistently stressed.

PHYSICAL SCIENCE & ASTRONOMY

Full Year. Grade 8 Credit: Science – CCMS Required Study

Through the study of geology, meteorology, oceanography, and astronomy, this course seeks to accomplish four important goals in the lives of the students: (1) expand their knowledge of the created world, (2) increase their appreciation and understanding of God's handiwork, (3) further develop their Christian worldview, and (4) encourage the notion that science can be a principal tool to glorify God. Earth science is designed to provide students with an understanding of the Earth as it relates to life, physical, and environmental science. The program focuses attention on the general characteristics of the Earth and the constantly changing dynamics of our planet. Through meaningful, scientifically conducted laboratory activities, students gain an appreciation of what is happening within, on, and above our planet. There is an emphasis throughout the curriculum on the importance of science to everyday life.

SOCIAL SCIENCE

The goal of the Social Studies Department is to develop literate citizens with both an active global awareness and respect for the cultures that have enriched and affected our society. The department, accepting the mandates of the State Framework and National Standards, seeks to educate future citizens who will take responsibility for their world. The program weaves together essential knowledge and skills that will enable students to understand the complexities of our world. Additionally, the department seeks to motivate students to become actively involved in our pluralistic society and develop a recognition of and respect for the dignity of all human beings.

ANCIENT CIVILIZATIONS

Full Year. Grade 6 Credit: Social Science – CCMS Required Study

World Civilisations focuses on developing a Christian worldview of ancient civilizations (Creation to AD 1500). Students learn about map skills; climate; natural resources; topography; comparison of characteristics of ancient civilizations with the modern regions; historical events; conflicts between nations; archaeological findings; various rulers; development of cities; trade; currency; job specialization; religions and philosophies; Ancient customs and traditions; Languages; Arts and music; Food and clothing

WORLD HISTORY

Full Year. Grade 7 Credit: Social Science – CCMS Required Study

Seventh-grade world history is an overview of the social, political, economic, and geographic factors that have influenced the history of Western civilization from the fall of Rome to the Age of Exploration. This course seeks to guide students into an awareness of how God is the Author of all history from the beginning of time to our modern age. Students will be introduced to the major topics of European history, including the Middle Ages, the Renaissance, the Reformation, and the rise of the Modern State. Students will learn to recognize famous works of Renaissance artists, great classical composers of the past, and music from different cultures worldwide. Coursework stresses the development and improvement of critical thinking skills, historical research techniques, geographic literacy, and interpretation of edited primary source material.

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U.S. HISTORY

Full Year. Grade 8 Credit: Social Science – CCMS Required Study

United States history examines the main features of the American experience from colonial times to the beginning of the twentieth century. Major topics studied include pre-Columbian inhabitants and the major events that helped to shape our nation, including Colonial America, the Revolutionary War, the Constitution, the Early National Period, Jacksonian Democracy, the Westward Movement, Civil War, Reconstruction, Industrialization, and Immigration. Coursework emphasizes developing and refining critical thinking skills, geographic literacy, recognizing cause and effect relationships, the historical writing process, historical research techniques, and the interpretation of edited primary source material. The learning process will be enhanced with student presentations, persuasive essays, class participation, and discussions on various topics, which will sharpen the skills needed to assist in further academic success.