

The following reflect student practice in skills and concepts learned in earlier years as well as new skills and concepts:

Language Arts

The language arts curriculum has been aligned with the California English Language Arts Framework. It is designed to develop skills to enable students to apply a variety of strategies in reading, writing, speaking, listening, and critical thinking. At all grade levels, students read and discuss high quality literature selections appropriate to their maturity and interests.

Enrichment activities are an integral part of the program, with opportunities for extended reading, making connections to other disciplines, and incorporating critical thinking and problem-solving skills. At all levels, vocabulary development and spelling practice are based upon words taken from students' reading and writing and from lists of words frequently used in writing.

Listening and Speaking

- Listen to a variety of speakers and for a variety of purposes
 - Listen to identify, compare, contrast, and analyze:
 - literary elements of character, plot, and theme
 - different versions of the same works
 - various cultures in literature
- Speak for a variety of purposes about literary works
 - identify themes and values
 - respond personally
 - discuss element, forms, and techniques of good literature
- Recite a selection of poetry from memory
- Participate in choral speaking
- Use questioning skills in responding to discussions or reports
- Report on research topics

Reading and Writing

- Conduct an oral interview using: who, what, where, when, why
- Comprehend inferred meaning by predicting outcome, sensing emotions, drawing conclusions, and identifying main ideas

- Comprehend literal meaning by identifying details and main idea, sequencing events, and summarizing
- Develop and apply critical/evaluative thinking skills to interpret literature by:
 - identifying cause/effect
 - distinguishing between fact/fiction
 - interpreting figurative language (simile, metaphor, idiom)
 - determining author's purpose
- Demonstrate the ability to use critical reading skills
 - asking important questions and predicting outcomes
 - applying meaning of works to their lives
 - using a variety of comprehension strategies to formulate answers and questions about stories
- Understand story elements--setting, plot, and character
- Use the library card catalog to find author, subject, title
- Recognize and understand prefixes and suffixes
- Identify themes and values in literature
- Write paragraphs and letters for a variety of purposes and to a variety of audiences
- Write paragraphs with transition sentences to connect paragraphs
- Write a four paragraph essay with a main idea and supporting details including an introduction and conclusion
- Use organizational skills of summarizing, outlining, and note taking
- Use correct grammar
 - subject/verb agreement
 - parts of speech with special attention to irregular verbs
- Use correct capitalization
 - beginning a sentence
 - proper nouns, special events
 - abbreviations
- Use correct punctuation
 - end punctuation
 - apostrophes for contractions and possessive nouns
 - direct quotation
- Use a variety of reference material to locate information for writing

- Write about themes and values in literary works
- Write an informal outline using mind mapping techniques
- Spell correctly most commonly used words
- Use the writing process - prewriting, writing, receiving responses, revising, editing, and post writing including evaluation and publication

Mathematics

The priority of the mathematics curriculum is the development of students' thinking and understanding through direct personal and interactive experiences.

Concepts are taught through real-life situations and the use of a variety of tools, manipulatives, and materials. Enrichment activities are an integral part of the program. Students participate in instructional activities based upon the following mathematical strands:

Logic and Language

- Organize information to solve logic problems
- Utilize a series of logical arguments to reach a valid conclusion
- Write a summary explaining how a problem has been solved
- Summarize information gathered from charts and graphs
- Explain thinking in own words, written and oral

Measurement

- Estimate and measure length, perimeter, area, volume, and weight
- Measure various figures and derive the appropriate formulas to find perimeter, area, and volume

Geometry

- Identify terms such as degree, line, and ray
- Identify and construct polygons such as triangles, rectangles, and hexagons
- Identify and construct points, segments, and intersecting parallel and perpendicular lines

Functions

- Recognize, extend, and develop patterns in graphs and tables
- Identify points in all four quadrants and place on a graph

Statistics and Probability

- Collect, organize, represent, and interpret data using lists, tables, and graphs
- Predict and record results of probability experiments
- Interpret data using mean, median, mode, and range

Algebra

- Use order of operations to solve equations
- Translate word problems into algebraic expressions
- Express numerical relationships through the use of variables

Numbers

- Read and write whole numbers to 1,000,000
- Add, subtract, multiply, and divide whole numbers
- Add, subtract, and multiply decimals
- Read and write decimals to the thousandth
- Utilize the various problem-solving strategies to solve problems
- Solve multi-step word problems correctly, labeling answers as appropriate

History/Social Science

The MCCS curriculum is based on the California History/Social Science Framework which includes major goals and interrelated strands that are the same for all grade levels. The major goals are:

Knowledge and Cultural Understanding

Incorporate what is learned from historical, ethical, cultural, geographical, economic, and sociopolitical accounts.

Democratic Understanding and Civic Values

Incorporate an understanding of our national identity, constitutional heritage, civic values, and rights and responsibilities.

Skills Attainment and Social Participation

Incorporate basic study skills, critical thinking skills, and participation skills that are essential for effective citizenship

Students in Fifth Grade participate in units of study based upon the theme of "United States History and Geography - Making a New Nation":

The land and people before Columbus

-first Americans

The age of exploration

Settling the colonies

The War for Independence

Life in the young republic

The new nation's westward expansion

American people then and now

Contributions of various groups that built this nation

Citizens' rights and responsibilities in a

democratic society

Christian Education

Mid County Christian School offers Bible instruction. Biblical principles are fully integrated into all subjects and students learn and memorize Bible verses. The Bible is used to help students understand how to apply biblical truths to daily living.

DISCOVERY: God's World Is Infinite

Relationships with God

- Serve God
- Acknowledge Holy Scripture as the final authority for both doctrine and practice
- Acknowledge Jesus as the Messiah, the Christ who fulfilled Old Testament prophecies
- Recognize that through the means of grace, the Holy Spirit leads people to identify and trust Jesus Christ as their Lord and Savior
- Express confident trust in God to help them overcome the temptations they face
- Discover how to apply God's Word to life situations
- Enjoy the Bible

Relationships with Others

- Know how to give and discover how we can serve the Body of Christ
- Rely on the Holy Spirit's power to share God's love and forgiveness with all others

Relationships with the World

- Recognize signs of God's love and care in their own lives
- Identify opportunities in which God can use them in service to Him
- Trust that God will accomplish His good purposes even in times of conflict and crisis

Science/Health

The ultimate goal of science education is that of science literacy for all students. Science literacy means that students will:

- Be familiar with the natural world and recognize both its diversity and its unity
- Understand key concepts and principles of science
- Be aware of some of the important ways in which science, mathematics, and technology are interdependent
- Have a capacity for scientific ways of thinking
- Use scientific knowledge and ways of thinking for individual and social purposes

Students will be active participants in learning to incorporate the scientific processes of observing, communicating, comparing, ordering, and categorizing. They will make connections with other disciplines and develop the capacity to relate science to everyday life. Major concepts include:

General Science

- Methods and tools of science

Physical

- Energy takes many forms

Life

- The human body is made up of systems

Earth

- Changes in atmosphere and environment affect one another

Health

- Human growth and development
- Drug education and prevention

Physical

MCCS physical education activities are based on the California Physical Education Framework. The framework contains three major goals with interrelated curriculum strands for all grades.

Movement Skills and Movement Knowledge

Develop motor skills and an understanding of the fundamentals of movement through practice. Areas of study and practice may include:

- Use of objects with accuracy and speed
- Game activities with emphasis on more than 2 skills
- Offensive and defensive play
- Contemporary and folk dances
- Interaction of strength and flexibility
- Relationship of calories in/calories out to body composition

Social Development and Social Interaction

Students develop appropriate social behaviors by working independently and with others during planned physical activity and at play. Areas of study may include games and sports relating to United States history.

Self-Image

Activities are designed to develop and maintain positive self-image and an understanding of sportsmanship and team skills.

The Arts - Visual, Performing and Vocal Music

MCCS encourages integrating instruction in the visual and performing arts as a means of enhancing and extending the curriculum for students at all grade levels. Instruction in the historical origins and cultural influences of the visual and performing arts is promoted to develop knowledge, appreciation, and performance skill for students.

Assessment of Learning

Teachers assess academic progress regularly to support student learning, a process which includes daily checking for understanding, formal and informal testing, and observation.

Mid County Christian School
A ministry of Twin Lakes Church

Highlights of the Core Curriculum

Grade 5

MISSION STATEMENT

Encouraging, equipping, and empowering the whole child to positively impact God's world by providing, in partnership with the home, a balanced education in a loving, Christ-centered environment.