

Mt. Calvary Lutheran School

7th Grade Curriculum

RELIGION

Overview: sequential Bible survey of the Old and New Testaments, memory work, class discussions on basic Christian values, modern day controversial topics, and ethics

Memory: weekly passages from the Bible

Worship: attend chapel weekly; present one chapel and Advent service each year

MATH

Whole numbers: know place value to hundred trillions; add, subtract, multiply and divide; round and order on a number line

Fractions: add, subtract, multiply and divide, convert to decimals and percents

Decimals: add, subtract, multiply and divide; convert to fractions and percents; understand and uses scientific notation

Graphs: interpret and construct bar, broken-line, pie graphs; recognize and plot ordered pairs on the coordinate plane

Real Numbers: classify real numbers; perform operations with integers; understand elementary number theory; know the properties of real numbers

Measurement: know English and metric units of length, volume, and area; compute conversions

by unit multipliers

Word problems: solve problems with proportion, percent, rate, and ratio

Expressions: combine like terms; simplify and evaluate expressions

Equations: simplify and solve simple, conditional, equivalent, and multi-step equations

Geometry: classify angle and polygons, identify geometric solids; identify geometric solids; compute area, surface area, and volume; copy and construct angles and triangles

LITERATURE/LANGUAGE ARTS

Literature: read main genres (short story, drama, poetry, novel); identify and analyzes story elements (plot, character, setting, point of view, theme); analyze character qualities, feelings, actions and motives; explain effects of common literary devices (symbolism, imagery, metaphor)

Accelerated Reader: motivational reading tool that increases comprehension and vocabulary

Writing: progresses through the stages of the writing process; 5 paragraph essays: (persuasive, expository, and research: famous person), write essays containing introductions, supporting

evidence/paragraphs, and conclusions; MLA format

Grammar: understand and appropriately use the eight parts of speech; understand & appropriately use clauses and verbals; use correct punctuation and capitalization; diagram sentences; dictation; journaling

Spelling: vowels and consonants, prefixes & suffixes, plurals, spelling strategies

Vocabulary: develop a school language vocabulary base in order to read with greater fluency; focus on context and learning how the words around the word relate to the meaning; words learned are commonly encountered in literature, content-area reading & textbooks and high-stake tests



Textbook Information

SCIENCE

Life Science: classifying organisms, cell processes and energy, genetics, Darwin's Theory and evolution, viruses, bacteria, protists, and fungi, the plant kingdom, sponges, cnidarians, and worms, mollusks, arthropods, and echinoderms, vertebrates, fishes, amphibians, and reptiles, birds and mammals, animal behavior, and the human body; bones, muscles, and skin, food and digestion, circulation, the nervous system, and the endocrine system and reproduction

Labs: hands-on activities that incorporate the scientific method and lab safety, labs coincide with the unit of study and include a written lab report

SOCIAL STUDIES

Map Skills: daily geography, geography of ancient civilizations

Empires of the Ancient World: Roman, Byzantine, Greek

Growth of Islam: Islam's roots, the empire

Sub-Saharan Africa: West Africa, Central and Southern Africa

Asian civilizations: three Empires, China, Japan

Medieval Societies: feudal Europe and Japan, Europe (rule, religion, conflict)

Europe 1300-1600: Renaissance, Reformation and Scientific Revolution, Age of Exploration

Civilizations of the Americas: Aztec, Maya, Inca

Current/Special Events

FOREIGN LANGUAGE

Web based program allowing students to speak and learn the language chosen which include Arabic, Chinese, Dutch, Farsi, French, German, Greek, Hebrew, Hindi, Irish, Italian, Japanese, Korean, Latin, Polish, Portuguese, Russian, Spanish, Swedish, Tagalog, Turkish, and Vietnamese

ART

Video based program covering elements and principles of art and drawing developmentally and sequentially; studying the art of artists, other cultures, and historic periods; emphasis on motivation, self-expression and media exploration

TECHNOLOGY

Blends computer-related learning activities into curriculum to have students acquire, organize, demonstrate, and communicate information

PHYSICAL EDUCATION

Muscle stretching & strengthening exercises

Sports & Activities: basketball, volleyball, flag football, hockey, dodgeball, kickball, track and field

RELIGION

One in Christ

Concordia Publishing House

Copyright 2012

MATH

Algebra ½

Saxon Publishers

Copyright 2004

LITERATURE/LANGUAGE ARTS

Introducing Literature

Macmillan

Copyright 1985

The Call of the Wild

Various shorten versions of plays by William Shakespeare

Grammar and Writing 7

Hake Publishing

Copyright 2011

Spelling Connections

Zaner-Bloser

Copyright 2007

Wordly Wise 3000 Book 7

School Specialty, Inc.

Copyright 2012

SCIENCE

Life Science

Prentice Hall

Copyright 2007

SOCIAL STUDIES

World History

Holt, Rinehart

Copyright 2008