

Mt. Calvary Lutheran School

6th Grade Curriculum

RELIGION

Overview: key concepts of faith such as law, gospel, confession, repentance, forgiveness and grace while focusing on the person, work and attributes of God the Son; lessons are based on the study of the book of Matthew as well as the sacraments and the Apostles' Creed; weekly memory selected from the 6 chief parts of Christian doctrine as presented in Luther's Small Catechism

Memory: weekly passages from the Bible

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

MATH

Geometry: bisection of angles, comparison of polygons, similar forms, reflections, rotations and translations

Fractions: division of fractions and mixed numbers, proportions, percentage as proportion, conversion to decimals and percents

Money: graphs and interest

Measurements: comparisons and relating measurement, volume of regular solids

Time: zones

Addition: integers

Subtraction: integers

Multiplication: integers

Number Theory: least common

multiple using exponent notation, prime factorization, integers, and real numbers

Graphs: ordering pairs on a coordinate plane

Decimals: conversion to fractions and ratios

Properties: identify

Pre-Algebra: integers

Probability: permutations and compound events

LITERATURE/LANGUAGE

ARTS

Literature: identifies genre forms; reads main genres (short story, drama, poetry, nonfiction, novel); identifies story elements (plot, character, setting, point of view, theme); understands difference between character trait and description; analyzes character qualities, feelings and actions; identifies common literary devices (simile; symbolism, imagery, metaphor); creative projects on books read

Accelerated Reader:

motivational reading tool that increases comprehension and vocabulary

Writing: progresses through the stages of the writing process; writes solid paragraphs including support; writes essays which include introductions and conclusions; writes in a variety of styles (narrative, descriptive and expository); uses the mechanics

and conventions of language; writes a research report on a country; MLA format

Grammar: understands and appropriately uses the eight parts of speech; uses correct punctuation and capitalization

Spelling: learns spelling conventions based on words that are grouped together according to common features such as sound, syllable pattern, spelling pattern, word part

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

Earth Science: mapping earth's surface, minerals, classifying igneous, sedimentary, and metamorphic rocks and the rock cycle, Plate tectonics, earthquakes, volcanoes, weathering and soil formation, erosion and deposition, fossils, the Geologic Time Scale, fossil fuels and nuclear energy, resource alternatives and conservation, ocean tides and currents, ocean zones, the atmosphere, climate and weather
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, political and physical
Fundamentals of Geography: five basic themes; six essential elements; human geography; environments, weather, climate
Peoples of the World: culture; population; government; economy; interdependence
Political Geography, Physical Geography, History, Culture: the Americas; Europe and Russia; Southwest and Central Asia; Africa; South and East Asia; the Pacific

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
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MATH

Saxon 89
Saxon Publishers
Copyright 2004

LITERATURE/LANGUAGE ARTS

Literature Copper
Prentice Hall
Copyright 1996

Grammar and Writing 6
Hake Publishing
Copyright 2011

Spelling Connections
Zaner-Bloser
Copyright 2007

Wordly Wise 3000 Book 8
School Specialty, Inc.
Copyright 2012

SCIENCE

Earth Science
Prentice Hall
Copyright 2007

SOCIAL STUDIES

World Geography
Holt, Reinhart and
Winston
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