

Mt. Calvary Lutheran School

4th Grade Curriculum

RELIGION

Memory Work: memorize Bible passages, Ten Commandments, Apostles' Creed, and books of the Bible weekly

Overview: review Bible stories, learn key concepts of faith (Law, Gospel, confession, repentance, forgiveness, and grace) and apply to daily living

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

MATH

Addition

Subtraction

Multiplication: 3 digits x 3 digits

Division: by 2 digit numbers

Place Value: tenths, hundredths, thousandths, thousands, millions, billions

Decimals: as fractions and ratios, percent, multiplying, dividing

Problem Solving: reasoning and processes

Geometry: classification, construction, measurement (polygons, circles, angles), intersecting, parallel, oblique lines; pyramids

Fractions: as ratios (equivalent), factors, greatest common factors, multiply, least common multiples, reduction to simplest form, adding and subtracting of like and unlike fractions and

mixed numbers, multiplication, division of fractions

Money

Measurement: volume, changing units, using both customary and metric systems

Time

Number theory: prime and composite numbers, exponents, standard and expanded form

Graphs: determination of mean, median, mode; analyzing and graphing data; locating points on a coordinate graph

Probability and Chance

READING/LANGUAGE ARTS

Language: use punctuation and capitalization correctly, recognizing the eight parts of speech, recognizing subject/verb agreement, diagramming sentences

Reading: analyze story elements (setting, characters, point of view, plot, and theme); identifies genre, comprehends detail, main idea, sequence, cause and effect, and summarizes for literal meaning; predicts outcomes, draw conclusions to infer meaning; identifies figurative language; recognizes fact and opinion, compares and contrasts

Novels: *The Lion, the Witch, and the Wardrobe*, *Because of Winn-Dixie*, *Fish in a Tree*, and *Island of the Blue Dolphins*; read to comprehend; understand

characters and plot; answer questions about novels

Accelerated Reader:

motivational reading tool that increases comprehension and vocabulary

Book Reports: one per quarter based on Accelerated Reading books and quizzes

Writing: Introductory paragraphs, introductory sentences, thesis statements, body paragraphs, transition sentences, concluding paragraphs, concluding sentences

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



SCIENCE

Physical Science: measuring matter and exploring its properties, force and motion, electricity and magnetism, light and sound

Life Science: plant structure and function, animal structure and function, energy in ecosystems, surviving in the environment

Earth Science: measuring weather, makeup of the earth, exploring oceans, movements in the solar system

Scientific Reasoning: reinforcement of metric measurement and scientific method

Egg Drop Experiment

SOCIAL STUDIES

Map Skills: geography of California, borders, landforms, resources in regions

First Californians: native American review, Spanish Explorers and Settlers, European settlers, presidios, missions, and pueblos (San Juan Capistrano Mission field trip)

Mexican California: traders, rancheros

California Settlers: pioneer review, independence from Mexico, gold rush, statehood

State Growth and Development: transcontinental railroad, state government, special events

California History Project

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

Sports: students practice basic skills in various sports

Textbook Information

RELIGION

One in Christ
Concordia Publishing House
Copyright 2011

MATH

Saxon 65
Saxon Publishers
Copyright 2004

READING/LANGUAGE ARTS

Collections for Young Scholars

Open Court
Copyright 2005

Fish in a Tree by Lynda Mullaly Hunt, *The Lion, the Witch, and the Wardrobe* by C.S. Lewis, *Island of the Blue Dolphins* by Scott O'Dell, *Because of Winn-Dixie* by Kate Picamillo

Grammar and Writing 4
Hake Publishing
Copyright 2011

Wordly Wise 3000 Book 4
School Specialty Inc.
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SCIENCE

Science
Scott Foresman
Copyright 2002

SOCIAL STUDIES

Oh! California
Houghton Mifflin
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