

# Mt. Calvary Lutheran School

## 5<sup>th</sup> Grade Curriculum

### RELIGION

#### Key Concepts of Faith:

organized around theme-based Bible story approach, the 5<sup>th</sup> grade materials emphasize biblical themes that explore the elements of doctrine commonly referred to as the Six Chief Parts; these consist of the Ten Commandments, the Apostles' Creed, the Lord's Prayer, Baptism, Confession and Holy Communion; weekly memory selected from the six chief parts of Christian Doctrine as presented in Luther's Small Catechism, as well as Bible passages appropriate to the lessons being studied

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

### MATH

**Number Sense:** add, subtract, multiply and divide whole numbers, fractions and decimals; add and subtract integers; understand relationships between decimals, fractions and percents

**Algebra:** use variable in simple expressions; measurement, geometry

**Graphs:** compute perimeter, area and volume of common geometric shapes and solids; use formulas in both customary and metric systems; identify and

measure rays, lines and angles; understand the sum of angles and geometric shapes; ordered pairs on coordinate plane

**Statistics:** compute mean, median, mode and range of a given set of numbers; ratio, probability and chance

**Number theory:** prime and composite numbers as well as prime factorization; exponents; standard and expanded form.

**Mathematical reasoning:** problem solving and reasoning

### READING/LANGUAGE ARTS

**Reading:** supports student success in five critical areas: phonemic awareness, phonics, fluency, vocabulary, and text comprehension; students read and respond to historically or culturally significant works of literature.

**Accelerated Reader:** motivational reading tool that increases comprehension and vocabulary

**Grammar:** assists students' understanding and appropriate use of the eight parts of speech and using correct punctuation and capitalization

**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); writes a research paper including its components

**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

### SCIENCE

**Life Science:** characteristics of living things, classification of plants and animals; growth and reproduction of living things; adaptations of living things to their environment; ecosystems



**Physical Science:** elements, molecules, compounds, mixtures and solutions; characteristics of physical and chemical changes of matter; kinetic and potential energy; electricity

**Earth Science:** earth changes, resources, climate; astronomy, solar system, planets and stars

#### **SOCIAL STUDIES**

**Map Skills:** geographical, political, and physical

**History:** begins with first inhabitants of the United States, the cause, course, and consequences of the early explorations through the War for Independence and western expansion; understanding how the principles of the American republic from the basis of a pluralistic society in which individual rights are secured.

**United States:** know the location of the current 50 states and the names of their capitals; do a project on a state including the construction of a miniature float and a written paper

#### **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

## Textbook Information

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#### **RELIGION**

*One in Christ*

Concordia Publishing  
House

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#### **MATH**

*Saxon 76*

Saxon Publishers  
Copyright 2004

#### **READING/LANGUAGE ARTS**

*Fantastic Voyage*

Scott Foresman  
Copyright 2004

*Grammar and Writing 5*

Hake Publishing  
Copyright 2011

#### **SCIENCE**

*Science*

Scott Foresman  
Copyright 2000

#### **SOCIAL STUDIES**

*The United States*

Pearson Scott Foresman  
Copyright 2005

#### **VOCABULARY**

*Wordly Wise*

School Specialty, Inc.  
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