

7TH GRADE
PROGRAM



St. Michael

Lutheran
School

Education with Christ at the Heart

7211 OAKLAND DRIVE
PORTAGE, MICHIGAN 49024

269-327-0512

Seventh Grade Program

LANGUAGE ARTS

In Grammar, 7th grade students will:

- † Reinforce grammar skills already mastered
- † Learn higher level grammar skills
- † Transfer grammar skills into all areas of writing

In Reading, 7th grade students will:

- † Read a variety of grade-level chapter books
- † Read a variety of genres
- † Identify story elements, theme, personification, metaphors, similes, and more

In Writing, 7th grade students will:

- † Write daily reflections on novel reading
- † Read and compose a variety of poetry
- † Compose a research report and learn how to properly cite resources using MLA format
- † Compose a multi-genre project on a topic
- † Compose a biography on a historical figure
- † Compose a historical fiction story including story elements: point of view, conflict and resolution, theme, setting, character, plot, and climax

In Vocabulary, 7th grade students will:

- † Learn and use nearly 300 new words through Sadlier-Oxford's *Vocabulary Workshop*



MATHEMATICS

In Math, 7th grade students will:

- † Write algebraic expressions and evaluate them using the order of operations
- † Find absolute values of integers and use absolute value to compare integers
- † Find equivalent forms of rational numbers
- † Use formulas to solve problems and solve a formula for a variable
- † Write, simplify, and evaluate expressions involving exponents
- † Write numbers in both standard and scientific form
- † Find and estimate square roots
- † Use the Pythagorean theorem
- † Convert units
- † Solve proportions
- † Use percents to solve problems including markup, discount, and selling price
- † Calculate simple interest
- † Solve multi-step equations
- † Identify types of angles, parallel lines, congruent polygons, and area of polygons
- † Volume, area, and surface area of three-dimensional figures
- † Find mean, median, and mode
- † Use stem and leaf, box and whisker plots, circle graphs, and scatter plots
- † Find theoretical probability, experimental probability, and odds
- † Find the slope of a line from a graph or table
- † Explore polynomials



Seventh Grade Program

SCIENCE

In Science, 7th grade students will:

- † Explore and classify life
- † Observe cells using a compound microscope
- † Learn about cells, cell processes, and cell reproduction
- † Learn about heredity
- † Learn about bacteria
- † Learn about protists and fungi
- † Learn about plants, plant reproduction, and plant processes
- † Learn about animals
- † Learn about Mollusks, Worms, Anthropods, Echinoderms
- † Learn about Fish Amphibians, and Reptiles
- † Learn about Birds and Mammals
- † Learn about animal behavior
- † Learn about the human body including:
 - structure and movement
 - nutrients and digestion
 - circulation
 - respiration and excretion
 - control and coordination
 - regulation and reproduction
 - immunity and disease
- † Dissect a heart, eye, and brain
- † Participate in an annual science day with other Lutheran schools
- † Participate in a school-wide science fair



Social Studies

In Social Studies, 7th grade students will:

- † Investigate the physical geography, climate/regions, and history of government for:
 - North Africa
 - Southwest Asia
 - Central Asia
 - Africa South of the Sahara
 - South Asia
 - East and Southeast Asia
 - Australia
 - Oceania
 - Antarctica



RELIGION

During the 1st semester of 7th grade Religion, students will conduct a chronological Bible survey of the Old Testament including:

- † God's Grace in Ancient Times
- † God's chosen people Israel
- † The Promised Land
- † Living under the Kings
- † The Prophets

During the 2nd semester of 7th grade Religion, students will study Church History learning:

- † The Early Church
- † Medieval Age and Reformation
- † The Gospel into all the World
- † Christianity in the Modern World

Fun things we do in 7th grade



Middle School Play



West Michigan Lutheran Schools Science day



Service Projects
Operation Christmas Child,
Clothing Drive



Science experiments



Chicago Trip



SPECIALS



Physical Education



Spanish



Computers



Band



Art

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