

8TH GRADE
PROGRAM



Education with Christ at the Heart

7211 OAKLAND DRIVE
PORTAGE, MICHIGAN 49024

269-327-0512

Eighth Grade Program

LANGUAGE ARTS

In Grammar, 8th grade students will:

- † Reinforce grammar skills previously learned
- † Master higher level grammar skills
- † Demonstrate mastery in all writing
- † Be better prepared for high school and beyond

In Reading, 8th grade students will:

- † Read a variety of grade-level novels
- † Read several William Shakespeare plays
- † Read a variety of genres
- † Identify story elements, personification, theme, similes, metaphors, and more

In Writing, 8th grade students will:

- † Effectively revise and edit their writing
- † Compose a science fiction story using the story elements
- † Compose a research report and cite their sources using MLA format
- † Read and compose a variety of poetry
- † Compose a comparative piece
- † Compose an original play
- † Compose a multi-genre project on a topic
- † Write daily reflections on novel reading
- † Compose several cross curricular writing pieces

In Vocabulary, 8th grade students will:

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



MATHEMATICS

In Math, 8th grade students will:

- † Use variables to transform English phrases into mathematical expressions
- † Use Order of Operations and Distributive Property to simplify expressions
- † Explore function rules and learn to identify relationships within functions
- † Calculate with whole numbers, decimals, and fractions
- † Calculate theoretical and experimental probability
- † Solve equations with variables on both sides using properties of equality
- † Use proportions to measure objects indirectly
- † Graph and solve inequalities, noting the differences from the methods used for solving equations
- † Write and solve compound inequalities
- † Learn about function rules, and model data using equations, tables, and graphs
- † Use inductive reasoning for recognizing number patterns called sequences
- † Write linear equations and recognize their different forms
- † Understand how the slope of a line can be interpreted in real-world situations
- † Learn properties of exponents, and how they are used to write a geometric sequence
- † Graph exponential functions
- † Categorize, multiply, subtract, and add polynomials
- † Solve radical equations
- † Use trigonometry to find length of sides on right triangles



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SCIENCE

In Science, 8th grade students will:

- † Distinguish among independent variables, dependent variables, constants, and controls
- † Explain why science is always changing, and compare and contrast scientific theories and laws
- † Identify states and physical properties of matter
- † Describe physical properties used to identify minerals
- † Learn about different types of rock
- † Learn about how Earth's resources provide materials and energy for everyday living
- † Learn about the changing surface of Earth
- † Learn about Earth's atmosphere
- † Learn about weather, weather patterns, and weather forecasts
- † Learn about the different climate types and changes
- † Learn about the importance of oceans, currents, waves, and tides
- † Learn about early, current, and future space missions
- † Learn about different types of telescopes
- † Understand the Sun-Earth-Moon system
- † Gain a better understanding of the Solar System
- † Learn about stars and galaxies



Social Studies

In Social Studies, 8th grade students will:

- † Learn about American history from the Native Americans to reconstruction
- † The Americas: Worlds meet: Beginnings to 1770
- † Creating a nation and the faith of our founding fathers
- † The Declaration of Independence
- † The Constitution of the United States
- † Launching the Republic
- † Nationalism and Sectionalism
- † Civil War and Reconstruction



RELIGION

During the 1st semester students will conduct a chronological survey of the New Testament, learning about:

- † The Four Gospels
- † Jesus' Ministry, Suffering, Death, and Resurrection
- † The Early Church
- † The Epistles and Revelation

In the 2nd semester students learn how to honor God in *Contemporary Issues* including:

- † Honoring God in my Relationship with Him and others
- † Honoring God through my Activities
- † Honoring God with how I use my Body
- † Honoring God in Matters of Life

Fun things we do in 8th grade



Middle School Play



8th Grade Graduation



West Michigan Lutheran Schools Science Day



Chicago Trip



SPECIALS



Physical Education



Spanish



Computers



Band



Art

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