

Trinity Lutheran School, Burr Ridge, Illinois

CURRICULUM OVERVIEW – EIGHTH GRADE

*The Eighth Grade curriculum incorporates state learning standards and Trinity's distinctive mission.
Trinity provides a quality, accredited education in a loving, Christian environment.*

Religion

Know we will go to heaven by grace
through Jesus
Share God's Word through song and words
Recognize individual differences and accept all
people as children of God
Confess sins and feel joy of forgiveness
Memorize and recite Bible verses and the six
chief parts of Luther's Small catechism
including questions and answers
(All students enrolled in the eighth grade receive
this instruction as part of the religion curriculum.
However, being confirmed at Trinity Lutheran
Church is a personal, spiritual matter that should be
discussed with parents and pastor and is not required
by our school.)

Mathematics

Use a variety of algorithms to compute
real numbers
Solve word problems by translating
to mathematical expressions
Use exponents, powers, and roots
in mathematical expressions
Apply number patterns
Define and use ratios, proportions and percents
Compute lengths, areas, and volumes
in common geometric figures
Convert units from one system to another
Apply the concepts of congruency, symmetry,
and similarity
Identify, analyze, and solve problems using
algebraic equations, inequalities, functions,
and their graphs
Collect, interpret and analyze data in
various forms

Advance math students have the opportunity to take Algebra 1

- Solve one and two variable equations by
various methods
- Comprehend functions and their graphs
- Factor expressions
- Use the quadratic formula
- Solve rate, coin, commission, and
other word problems algebraically

Mathematics CONTINUED

*Algebra 1 involves many other concepts too
numerous to list here.*

Language Arts

- Reading
 - Read God's Word
 - Read for varied purposes
 - Differentiate fact from opinion
 - Compare and contrast
 - Identify and understand figurative language
- Writing
 - Use process writing
 - Write short stories
 - Write paragraphs including an
introduction and conclusion
 - Write various kinds of poetry
 - Outline material
 - Write letters
 - Take notes from written material
 - Complete a term paper

Science

Recognize relationships between science,
technology, and Christianity
Recognize our responsibility as God's children
to protect the environment and natural
resources
Know, understand and use the scientific method
in an investigation
Use technology to study weather patterns and
make predictions
Understand earthquakes, volcanoes, plate
tectonics and how they effect changes
on the earth
Continue the basic study of earth science
And astronomy
Identify, through investigation, common minerals

Social Studies

Pass the Illinois and United States Constitution tests
Study United States History and its impact on
the decisions of today
Recognize God's hand in shaping the history
of the United States

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Social Studies CONTINUED

Use critical thinking skills to analyze major historical events in the United States
Use technology to understand how other countries view the history of the United States

Spanish

Continue learning, speaking, and writing Spanish grammar

Increase Spanish vocabulary
Learn about Spanish traditions and holidays

Computer Technology

Increase keyboarding skills
Learn computer advantages and limitations
Do projects involving word processing, data basing, and spreadsheets

Music

Participate in group singing
Learn to read notes and key signatures
Identify major instruments in band/orchestra
Listen to a wide variety of musical styles
Appreciate different musical styles and composers

Art

Learn elements of design
Use formal elements of visual art in projects
Develop skills in basic techniques using a variety of media: pencil, watercolor, marker, tempera, clay
Demonstrate a basic knowledge of art history

Physical Development and Health

Develop ball handling skills
Learn sport rules, introductory games
Comprehend value of and display good sportsmanship
Participate in Presidential Fitness Testing
Practice safety concepts and precautions
Recognize importance of keeping nutritionally and physically fit

Develop awareness of importance of disease prevention
Learn the importance of life-long physical fitness
Develop strength and endurance

Peaceable School Program

Participate in weekly class meetings to learn I-messages, peace-making and peace-breaking behavior, and positive reinforcement, etc.
Have the opportunity to be peer mediators

Service Learning

Participate in class service projects and individual service hours for the church and community

Extra-Curricular Enhancement

Participate in Science Fair project and individual project (*every other year*)
Develop a Fine Arts Fair project or performance
Participate in Basketball, Volleyball, Cross Country, Cheerleading, Track
Participate in Public Speaking Contest
Participate in school musical

Piano/other instrument lessons offered at Trinity through Allegro Music (*additional fee*)

This is an overview and not an exhaustive list of the concepts covered throughout the school year. If you have any question regarding our curriculum, please feel free to contact your child's teacher or Trinity's principal at 708.839.1444.