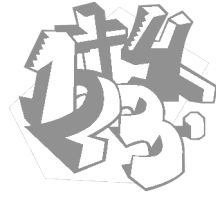


Math

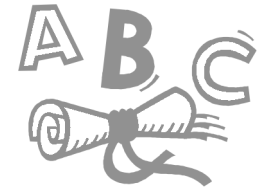


Trinity Lutheran School believes that math is an integral part of our daily lives. We study math to better understand order and pattern within God's creation. The teaching of math from a Christian perspective allows us to use and strengthen the minds God gave us as we apply mathematical understanding toward daily living.

The fourth grade student will:

- 1) Understand place value of whole numbers up to millions, decimals to hundredths and fractions ($1/2$, $1/4$, $1/8$)
- 2) Know basic facts up to 12×12
- 3) Multiply multi-digit number by double digit number
- 4) Round whole numbers
- 5) Use rounding to estimate sums, differences, products, and quotients
- 6) Use compatible numbers for estimating
- 7) Use variables to solve one-step equations
- 8) Use arithmetic patterns
- 9) Divide by two-digit numbers
- 10) Understand prime numbers
- 11) Understand surface area
- 12) Use appropriate tools and formulas to measure length, perimeter, area and weight in standard and metric measurement
- 13) Measure circumference, radius, diameter of circles
- 14) Measure angles
- 15) Understand two and three dimensional geometric shapes
- 16) Understand graph points and figures, linear relationships
- 17) Understand percent
- 18) Collect, organize, record and interpret data using various charts and graphs

Language Arts



Trinity Lutheran School believes that the Gospel is the message brought by the very Son of God, our Savior Jesus Christ, and is proclaimed, taught, and shared through words. Those words, God's very words, are preserved in the Bible, which is even called The Word. With God's Word as our foundation, we teach reading, writing, speaking and listening through a variety of oral and written works to equip our students for communication in their daily lives.

The fourth grade student will:

- 1) Read at a minimum rate of 118 correct words per minute (fluency norms)
- 2) Make predictions based on story elements or format of informational texts
- 3) Apply structural analysis clues (prefix, suffix, base word) to develop vocabulary
- 4) Identify author's purpose (inform, entertain, persuade)
- 5) Apply skills and strategies to read fiction, nonfiction and poetry
- 6) Identify basic story elements
- 7) Follow directions to complete assignments correctly
- 8) Use text format (organizers, table of contents, glossary)
- 9) Use listening skills to participate in class discussions
- 10) Use speaking skills to convey meaning
- 11) Use conventional spelling in all written work.
- 12) Develop prewriting strategies using graphic organizers and brainstorming
- 13) Build prewriting strategies into stories, paragraphs, reports and letters
- 14) Develop skills demonstrating good word choice
- 15) Indent paragraphs and use topic sentences and details
- 16) Use a variety of sentence forms in written work
- 17) Use basic parts of speech to write clearly
- 18) Use proper editing skills to refine written work
- 19) Take notes from written and oral material
- 20) Make oral presentations from notes

Social Studies



Trinity Lutheran School believes that God created the world and all people to live in harmony and cooperation with one another. We believe it is important for students to understand the physical, social, and historical aspects of the world while acknowledging and respecting people of all races and cultures, showing Christian citizenship and love. With God's Word as a guide, students are able to meet the challenges of the changing world.

The fourth grade student will:

- 1) Understand various map elements (longitude, latitude, equator, prime meridian, hemisphere, grid system, cardinal directions, map keys)
- 2) Use various types of maps (political, road, product, route, topographical)
- 3) Identify the 50 states and their capitals
- 4) Know the features of each of five United States regions, and their importance to the nation
- 5) Explain Nebraska's location in relation to the world
- 6) Use timelines to identify dates of important events and their relationships to each other
- 7) Understand the difference between primary and secondary sources
- 8) Recognize those qualities of character that have shaped those who have been influential in Nebraska's history
- 9) Identify the names and describe the contributions of those who have played a significant role in Nebraska's history
- 10) Demonstrate an understanding of how different cultures and groups of people have influenced Nebraska history
- 11) Explain how these cultures and groups have faced difficulties in their interactions with each other
- 12) Demonstrate an empathy for the challenges these cultures and groups have faced
- 13) Compare communities within the United States and Nebraska and the changes that occur in these communities over time
- 14) Explain advances in transportation, communication, immigration and economic development during the 20th century
- 15) Describe the interaction of Native Americans and their environment before contact with European influence
- 16) Describe Nebraska's history from the time of European influence to the present
- 17) Describe the agricultural importance of Nebraska to the nation and the world
- 18) Describe our economic system and the relationship between consumers and producers
- 19) Demonstrate an understanding of the financial system within the United States
- 20) Describe the process making laws, carrying out laws and determination of law violation
- 21) Identify the unique qualities of the Nebraska Unicameral compared with other states
- 22) Identify and describe the responsibilities of primary government officials at the local, state and federal level
- 23) Demonstrate understanding of the qualities of a good citizen

"Challenging Young Minds, Nurturing Young Hearts"

Trinity Lutheran School

208 W. 13th Str.
Grand Island, NE

Grade 4

Parent Curriculum Guide

Trinity Lutheran School Mission



"Lift High the Cross of Jesus - Teaching and Caring for All"

Science



Trinity Lutheran School believes that the Triune God has created and maintains His creation down to the last minute detail. Through Biblical teachings, students will understand that God created all things, and that all scientific information must be interpreted according to God's Word. The teaching of science from a Christian worldview is a necessary part of the curriculum.

The fourth grade student will:

- 1) Identify the basic needs of animals
- 2) Describe the adaptations that help animals meet their needs
- 3) Explore the classifications of living things
- 4) Describe the characteristics of different animal groups
- 5) Identify the states of matter
- 6) Identify physical properties
- 7) Explain the effect of heat loss or gain
- 8) Explain physical and chemical changes
- 9) Identify the properties of magnets
- 10) Know the sources of electric current
- 11) Know how electric current is changed into useful energy
- 12) Identify how the elements of water, wind and ice have shaped the earth over time
- 13) Identify natural resources
- 14) Explain the consequences of producing and disposing of trash
- 15) Describe the earth's atmosphere
- 16) Identify the effects of changes in the air on weather
- 17) Identify weather patterns
- 18) Explain the elements that affect weather predictions
- 19) Explain seasonal weather changes and climate
- 20) Create hypotheses based on observation and experience and draw conclusions based on observation and exploration
- 21) Demonstrate basic safety standards when doing scientific exploration
- 22) Demonstrate an understanding of our stewardship toward the earth and its creatures as a God-given responsibility