

Grade 5 Curriculum

Teacher

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Principal

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Bible Study

- Based on Concordia Publishing House *One In Christ*
- Teach elements of worship such as prayer, preparation, and worship
- Discuss Old Testament and New Testament stories, with an emphasis on the history from the Exodus through the life of Christ

- Review of Martin Luther's life and works
- Review Law and Gospel, confession and repentance, forgiveness and grace
- Learn weekly memory verses that support daily lessons
- Worship weekly in a whole school chapel

Mathematics

- Practice number sense and numeration through adding, subtracting, multiplying, and dividing mixed numbers, decimals, and fractions
- Review measurement by studying English and metric, angles, and the tools of measurement
- Investigate Geometry through studying lines, angles, area, perimeter, and circumference
- Introduce Algebra by writing and solving equations

Language Arts

Reading

- Develop comprehension skills, such as using sequence of events, author's purpose, and making inferences
- Encourage independent reading through the Accelerated Reading program and book projects

- Increase rigor and exposure to a variety of texts
- Draw evidence from literary works to support analysis, reflection, and research

Written Language-Grammar

- Apply and expand skills with written expression through complete sentences, spelling, capitalization, and punctuation
- Experience the writing process by brainstorming, note taking, outlining, drafting, revising, editing, and publishing
- Demonstrate command of English in grammar and usage
- Develop skills with the four types of writing-expository, descriptive, opinion/persuasive, and narrative compositions

Spelling

- Base lists on sound patterns and words commonly used
- Use prefixes, suffixes, roots, and word relationships to spell new words
- Learn words in context through sentence dictation

Library

- students are encouraged to check out books each week from our own school library

Science

- Investigate, observe, and draw conclusions through hands-on activities and demonstrations
- Explore the Life Sciences of cycles, cells, and the human body
- Study the Earth Sciences of the Earth's processes, Weather and Climate, and the Sun, Earth, and Moon
- Investigate the Physical Sciences of matter, forces and work, electricity, and magnetism
- Participate in STEM activities intensively afterschool for 5 weeks

Social Studies

- Study American History
- Read and analyze charts and graphs, maps and globes
- Review geography, economics, heritage, science and technology, reading and interpreting time lines
- Use charts, graphs, and diagrams to obtain information, analyze and draw conclusions
- Background in Geography, Colonization and Exploration of the United States, 13 Colonies

Art

- Practice art techniques by using a variety of mediums which include but are not limited to pencils, crayons, markers, paints, tissue paper, scissors, glue, and clay
- Explore elements of line, shape, texture, color, and space

Music

- Introduce Beginning Band- students can elect to play a band instrument
- Explore music in a variety of listening, singing, performance, and instrumental activities
- Develop singing voices to praise God in class, for chapel, and for church
- Apply music theory by learning about note values, rhythm patterns, harmony, and expression

Physical Education

- Learn and reinforce locomotion movements
- Learn, reinforce, and continue to develop non-locomotion movements, such as throwing, catching, and kicking
- Emphasize teamwork, fair play, and good leadership
- Learn fitness concepts

Computers

- Students are issued a school laptop for use in their classrooms; issued a school login and server space for saving files
- Introduction to file management, use of personal server space, creating folders
- complete emersion in all aspects of word processing including definitions and practice with all levels for character, paragraph, and section features
- continue work with presentation software (PowerPoint), including transitions and animations
- Utilize online website expand geography knowledge of North America
- COMPUTER CODING using an online coding website, students learn:
 - use algorithms to program loops, nested loops, conditionals, and events
 - introduction to computer functions
 - students program a robot to move, turn at specific angles, and perform tasks
 - students will create a capstone project

