



# Eighth Grade Exit Skills

## Bible Study

- Knows that Jesus loves us enough to die and rise from the dead so we can spend eternity with Him
- Recognizes, through the teaching/learning of Law and Gospel, that we are sinners in need of a Savior
- Realizes that God desires a relationship with us
- Begins to take ownership of personal faith and relationship with God
- Continues to grow in familiarity with the Bible
- Applies Scripture and school-wide, Scripture-based Christian attributes to daily situations such as friendships and homework
- Memorizes selected Bible verses to increase understanding and application of God's Word

## Language Arts/Literature

- Explores literary concepts such as character, plot development and elements, theme, etc., through use of age-appropriate novels such as *The Westing Game*, *Lord of the Flies*, and *Murder on the Orient Express*
- Analyzes how and why individuals, events, and ideas develop and interact over the course of a text
- Practices grammar and writing concepts in weekly composition lessons.

## Composition

- Uses written expression to create persuasive, narrative, expository, and imaginative assignments
- Develops and strengthens writing by planning, revising, editing, and rewriting
- Researches to build and present knowledge, including source gathering, analyzing credibility, drawing conclusions from sources while avoiding plagiarism

## Math 8

- Works with integer exponents and scientific notation
- Analyzes and solves basic linear equations and pairs of simultaneous linear equations
- Understands the connections between proportional relationships, lines, and linear equations
- Analyzes and solves linear equations

## Math 8 (continued)

- Defines, evaluates, and compares functions, and solves problems involving the volumes of cones, cylinders, and spheres
- Understands similarity and applies similar triangles to reason with the slope of a line
- Works with irrational numbers and solves problems using the Pythagorean Theorem
- Understands congruence using physical models, transparencies, or geometry software
- Solves real-world and mathematical problems involving the volumes of cones, spheres, and cylinders
- Investigates patterns in association with bivariate data
- Knows that there are numbers that are not rational, and approximates them by rational numbers

## American History

- Studies growth and development of the U.S. government after independence from Great Britain
- Discovers how events leading up to and including the Civil War defined who we are as a country today
- Understands America's involvement in world affairs such as World Wars I and II and other international conflicts

## Integrated Science

- Explains a phenomenon using empirical evidence, disciplinary ideas, and logical reasoning
- Designs a solution that is supported by scientific ideas and meets criteria and constraints; evaluates and refines the solution through analysis of empirical evidence
- Develops, uses, and revises models to describe and predict phenomena or represents and tests design solutions
- Develops focused, answerable inquiry and research questions
- Defines the criteria and constraints for addressing a real-world problem through engineering design
- Plans and carries out investigations that provide evidence to support explanations, design solutions, and/or models
- Develops hypotheses and predictions related to the inquiry, research question, or investigation