

# Scope and Sequence - 8th Grade

## **Language Arts**

Grammar  
Capitalization Rules  
Punctuation Rules  
Kinds of Sentences and Diagramming  
Parts of Speech and Their Uses  
Sentence Structure  
Word Usage  
Sentence Structure  
Composition  
Writing Process  
News Stories  
Autobiography  
Research Paper  
MLA Documentation  
Literature  
Reading Stories and Poems Which are Enjoyable, Motivating, and Character- Building on the Themes of Choices, Friendships, Viewpoints, Adventurers, Discoveries, Heroes, and Villains  
Two Classroom Novels  
Outside Reading Each Quarter  
History of of the English Language  
Speaking Techniques

## **Science**

Science and Society  
Mass  
Volume  
Atoms and Molecules  
Elements  
Compounds  
Chemical Changes  
Nuclear Changes  
Acids  
Bases  
Salts  
Energy  
Thermodynamics  
Magnetism, Electricity, Circuits, Force, Work, Friction, Levers, Wheel and Axle, Pulleys, Gears, Inclined Planes, and Screw

## **Arithmetic**

*Pre-Algebra / Algebra*  
Addition and Subtraction Equations  
Multiplication and Division Equations  
Equations with Decimals  
Number Properties and Equations  
Integers and Equations  
Systems of Equations  
Graphing Method  
Substitution Method  
Addition Method  
Factoring  
Quadratic Equations  
Special Cases  
Quadratic Formula  
Radicals  
Square Roots  
Problem Solving  
Algebraic Fractions  
Ratio and Proportions  
Percent  
Writing Formulas  
Pythagorean Theorem

## **Bible**

World Views  
Wisdom from Proverbs  
Salvation  
Verse Studies  
Responsive Writing  
Social Interaction and Expression  
Weekly Chapel

## **History and Geography**

American History  
Colonization of America  
War for Independence  
Republican form of Government under the Constitution  
Growth of a Nation  
American Civil War/Reconstruction  
The Industrial Nation  
Twentieth Century World Power  
United States in a Changing World

## **Physical Education**

Physical activity  
Physical Fitness and Wellness  
Fitness Testing  
Intramural Programs  
Interscholastic Programs  
Growth and Motor Development  
Teamwork and Cooperation  
Social Development and Interaction

## **Fine Arts**

Drama - Chorus  
Visual Arts  
Band  
Public Programs

## **Computer Science**

Computer Skills/Keyboarding  
Desktop Operating System  
Microsoft Word  
Adobe Photo Elements  
Web Page Design  
Adobe Illustrator

## **Extra-curricular**

Field Trips  
Math Olympics  
Spelling Bee  
Iowa Assessments  
Standardized Testing  
Washington D.C. trip



Teaching in all areas of life, the Truth, as centered in the Lord Jesus of the Bible.