

Northside Christian Academy  
Curriculum Guide

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Subject: Bible

Grade(s): 8

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**Philosophy Statement**

Bible is presented as the story of God's acts and words, written so that his people might know God and themselves, accept his gift of salvation, and live lives of joyful service and obedience. Bible is taught, not as a history book or rule book but as the divinely inspired and infallible Word of God. The study of Bible helps students make an informed commitment to Christ as Savior and Lord and to live out that commitment through love, obedience and service in ways appropriate for their spiritual maturity.

**Course Description**

This course is designed to promote the story of God and his people. Grade eight will study New Testament teachings and focus on the ministry of Christ through the beginning of the Church. Both course studies will immerse students in the stories and other writings in the Bible so that they may grow in knowledge, wisdom, sensitivity, and creativity.

**General Course Goals**

- Remember, Retell and imaginatively Respond to stories of God's people
- Believe that the Bible is God's Word
- Remember the overall story of the Bible as God's plan of salvation
- Understand the historical and linguistic dimensions of the Bible
- Love God, others and self and have a desire to serve and be close to God
- Accept the Bible's call for repentance, faith, discipleship and praise
- Ask questions about the Bible and Christianity
- Relate the Bible to daily life
- Witness to others

**Text(s)/Class Resources**

- *8<sup>th</sup> grade- A story of God and His people, A light to the Gentiles*
- *The Day of the Lord Video series*
- *A Light to the Gentiles Video series*

**Time Allotment**

- One 45 minute class per day, 5 times per week
- Course length: two semesters

**Assessment**

- Nine memory verse quizzes and one exam per unit
- One project per semester, presented in both oral and written format
- Homework checked as assigned

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Subject: Earth Science

Grade(s): 8

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**Philosophy Statement**

Throughout the Scriptures nature is used to illustrate Biblical principles. In Proverbs, the instruction is to look at the ant for work habits. The book of Romans reminds everyone that one simply needs to look at nature to see the hand of God. Because of this vital link between nature and Scripture, it is important for students to have a thorough understanding of things created in order to know the Creator. The physical and biological sciences are the vehicles we can use to demonstrate His nature.

**Course Description**

Earth Science is a non-lab science course that exists to develop a Christian worldview through the medium of the non-living, material world, God's handiwork. The major topics covered include introductions to meteorology, astronomy, and geology.

**General Course Goals**

- The student will be able to understand the celestial sphere.
- The student will be able to describe the atmosphere.
- The student will be able to identify the major parts and jobs of the lithosphere.
- The student will be able to describe the hydrosphere.

**Text(s)/Class Resources**

- *Earth Science for Christian Schools, Second Edition* 2001 (BJU Press)
- Teacher Edition from publisher
- Teacher Resource File from publisher

**Time Allotment**

- One 45 minute class per day, 5 times per week
- Course length: two semesters

**Assessment**

- One quiz and one test per unit
- One cumulative exam
- One project per semester
- Homework checked as assigned

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Subject: English

Grade(s): 8

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### **Philosophy Statement**

The gift of language is one that sets humans apart from other parts of creation. Grammar helps the student to understand and express himself better. Writing helps the student to think clearly and also express himself to communicate a message. As Christians we have been commanded to spread the Gospel and to be ready always to give an answer to every man of the hope we have. The study of literature gives the student an opportunity to evaluate each selection in the light of God's Word. The student can also recognize truth and reaffirm it since all truth is God's truth. The study of the English language, literature and vocabulary is a valuable tool for our students as they prepare to allow God to use them.

### **Course Description**

This course is designed to help the student to develop a deeper understanding of the English language and its literature and to increase the student's skill in writing and speaking the language. In addition to reviewing sentence structure, parts of speech, phrases, clauses, capitalization and punctuation, students learn new grammar concepts such as verbals and verbal phrases, subject/verb agreement, and pronoun/antecedent agreement. They are introduced to many new vocabulary terms, and read a variety of stories and novel selections based upon thematic units. In addition, 8<sup>th</sup> grade English students write summaries, essays, poetry, and responses to literary selections.

### **General Course Goals**

- Review of sentence structure, parts of speech, phrases, clauses, capitalization, and punctuation
- Introduction to verbals, verbal phrases, subject/verb agreement, pronoun-antecedent agreement, pronoun usage, troublesome words,
- Introduction to vocabulary terms, prefixes, suffixes, and roots
- Reading a variety of stories based upon thematic units
- Writing summaries, essays, poetry

### **Text(s)/Class Resources**

- *Writing and Grammar 8 for Christian Schools*
- *Excursions in Literature for Christian Schools*
- *Vocabulary for Christian Schools – Book B*

### **Time Allotment**

- One 45 minute class per day, 5 times per week
- Course length: two semesters

### **Assessment**

- 1-2 quizzes per week
- 1 test every 3 weeks
- One cumulative exam per semester
- One project per quarter, presented in both oral and written format
- Homework checked as assigned

Northside Christian Academy  
Curriculum Guide

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Subject: Pre-Algebra

Grade: 8

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**Philosophy Statement**

Mathematics develops a student's understanding of God's orderly nature and character. Since we have been commanded as His creation to subdue the earth and have dominion over it (Genesis 1:28), our approach to the created world must be in an ordered and sequential manner. The study of mathematics enables God's creation to better understand the order with which He made the universe and everything in it.

**Course Description**

This course is designed to review the basic math facts such as addition, subtraction, multiplication, and division of whole numbers, fractions, decimals, and integers. Students are introduced to the fundamental principles associated with algebraic expressions and equations in one and two variables, and they will develop and solve equations from word problems. The coordinate plane is further developed and used to graph equations, a system of equations, and inequalities. Students will interpret data from graphs and tables.

**General Course Goals**

- Review of addition, subtraction, multiplication, and division of whole numbers, integers, fractions, and decimals
- Solving one-step equations and inequalities involving integers, decimals, and fractions
- Solving equations and inequalities and graphing on the coordinate plane
- Identification of the properties of numbers, and simplification of variable expressions
- Rounding and estimating decimals, products, and quotients
- Evaluation of expressions using exponents
- Writing and solving ratios, proportions, and percent problems

**Text(s)/Class Resources**

- *Pre-Algebra: An Accelerated Course, Houghton Mifflin, 1992*
- Teacher Resource File from publisher
- Calculator

**Time Allotment**

- One 45 minute class per day, 5 times per week
- Course length: two semesters

**Assessment**

- Five – six quizzes and one test per unit
- One semester exam and one cumulative exam
- Homework checked as assigned

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Subject: Algebra I

Grade(s): 8/9

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### **Philosophy Statement**

Mathematics develops a student's understanding of God's orderly nature and character. Since we have been commanded as His creation to subdue the earth and have dominion over it (Genesis 1:28), our approach to the created world must be in an ordered and sequential manner. The study of mathematics enables God's creation to better understand the order with which He made the universe and everything in it.

### **Course Description**

This course will help the student to organize his thoughts to solve mathematical problems that he will meet in his everyday life. It will prepare him to continue his studies in mathematics and the sciences. The topics covered include real numbers, solving equations, factoring, problem solving, applying fractions, functions, systems of equations, inequalities, rational and irrational numbers, and quadratic equations.

### **General Course Goals**

- Review the terminology and operations of basic algebra.
- Review solving equations and word problems.
- Perform basic math operations with polynomials.
- Factor polynomials and apply to problem-solving.
- Evaluate fractions and apply to problems.
- Define and analyze graphs and functions.
- Solve linear equations and inequalities.
- Define and evaluate expressions with square roots.
- Solve quadratic equations.

### **Text(s)/Class Resources**

- *Algebra: Structure and Methods*, McDougal Littell, 1997 [ISBN: 0-395-77116-1]
- Teacher resource file from publisher
- TI-36X Scientific Calculator (If a graphing calculator is preferred, a TI-83+ or equivalent is acceptable)

### **Time Allotment**

- One 45 minute class per day, 5 times per week
- Course length: two semesters

### **Assessment**

- One test per unit with partial chapter quizzes (1 – 3 per unit)
- One cumulative exam per semester
- One notebook grade (quiz) per quarter
- Homework checked as assigned (will be graded on either completeness or correctness)

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Subject: Physical Education

Grades: 7/8

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**Philosophy Statement**

God's word teaches that the Christian's body is God's dwelling place, His temple. God has designed our bodies and has charged us with the maintenance of them. We belong to Him and should be good stewards of His temple in order to glorify Him (1 Cor. 6:19-20). It is our responsibility to be good stewards of these bodies through which we serve God. An important part of that stewardship is physical fitness through exercise.

**Course Description**

This course is taught for 2 semesters and is designed for students to demonstrate skills pertaining to various sports, compete in a Christ-like manner, complete activities designed to increase overall physical fitness and improve physical fitness in an atmosphere of competition and teamwork.

**General Course Goals**

- Increased endurance
- Increased flexibility
- Increased strength
- Increased speed and agility
- Develop an understanding of the importance of physical fitness and its role in overall health
- Provide an opportunity to build skills that will allow them to succeed in athletics and everyday life.

**Text(s)/Class Resources**

- Various Equipment necessary for each unit (free weights, sport specific equipment, mats, etc.)
- Presidential fitness testing

**Time Allotment**

- One 45 minute class per day, 5 times per week
- Course Length: 2 Semesters

**Assessment**

- Demonstrate skills pertaining to various sports through drills and participation
- Two skills tests per unit
- Presidential Fitness Testing
- Weekly mile run

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Subject: World Studies 8

Grade: 8

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**Philosophy Statement**

“History is the record of the past from Creation to the present, revealing the actions of God and man.” History is “His Story” (Isaiah 46:9-10) and is a vital part of one’s education. As students study history they see God’s principles put into action. It is important that students know the past, present, and future of history. Students need to see the hand of God as he has moved and is moving to work in lives and cultures to bring to pass his ultimate plan for the ages.

**Course Description**

World Studies is an overview of world events and cultures from the ancient civilization of Mesopotamia to the age of Imperialism. Map Studies and Current Events are an important part of the course. Through the course, students will develop note taking and study skills.

**General Course Goals**

- The student will identify countries, capitals, and major features and locations on maps.
- The students will use information from lectures, notes and reading to answer questions and formulate opinions.
- The students will identify different countries, empires, cultures, climates, and geographical regions.
- The students will Use knowledge of the civilizations and countries studied coupled with the Bible in order to show God’s presence in the history of the world.
- The students will show comprehension of the subject material through successful evaluations (tests,quizzes,homework).

**Text(s)/Class Resources**

- *World Studies for Christian Schools*, Bob Jones University Press
- Teacher Resource Files
- Maps from Publisher

**Time Allotment**

- One 45 minute class per day, 5 times per week
- Course length: two semesters

**Assessment**

- Section quizzes and one test per chapter
- Assigned reading with quizzes over reading
- One exam per semester
- One project per semester, presented in both oral and written format
- Homework checked as assigned