

NFC Academy
Middle School Curriculum
Grades 6-8
2011-12

NFC Academy
24/7 Internet Education
Home School Edition
Home School Advantage Edition
1.888.407.6327 Monday–Friday, 8a.m.–5 p.m. EST.

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Language Arts

Course Length: 2 Semesters

General Overview of Course

- Reading for a Purpose
- Forming New Words
- Better Reading
- Sentences
- Reading Skills
- Poetry
- Stories
- Newspapers
- Reading the Bible
- Looking Back

In sixth grade language arts, students learn to read with a purpose, focusing on sentences and poetry. Lessons include topics like critical thinking, reading comprehension, and story structure. This course includes instruction in sentence structure, spelling, reading, vocabulary, composition and speaking.

Helping students realize the need for strong reading skills, this course's topics include researching etymology, grammar, sentence structure, literary forms and techniques, poetry, and the Bible as literature. Newspapers and propaganda are also discussed. Fun, colorful lessons include helpful graphics, reading exercises, and writing practice. Course units contain quizzes and tests to evaluate progress and student mastery.

Math

Course Length: 2 Semesters

General Overview of Course

- Fractions and Decimals
- Finding Common Denominators
- Multiplying Mixed Numbers
- Dividing Mixed Numbers
- Metric Measures
- Lowest Common Multiple and Greatest Common Factor
- Integers, Ratios, and Proportion
- Probability and Graphing
- Calculators and Estimation
- Integers and Operations

Sixth grade math continues to build skills and explore the order and method of mathematics in solving problems. Clear explanations and colorful illustrations help students grasp lesson material and engage them in learning. Lessons include topics such as word numbers to billions, adding and subtracting to six digits, and metric and standard units.

Continuing to equip students for success in middle school math, this step-by-step course also discusses calculators, ratios, angles, and shapes, charts and tables, graphing and estimation, integers and operations, decimals, and variables and properties. Course units contain quizzes and tests to evaluate progress and student mastery.

Science

Course Length: 2 Semesters

General Overview of Course

- Plant Systems
- Animal Systems
- Plant and Animal Behavior
- Molecular Genetics
- Chemical Structure
- Light and Sound
- Motion and Its Measurement
- Spaceship Earth
- Astronomy and the Stars
- The Earth and the Universe

This colorful fun course integrates hands-on experiment activities with lessons to emphasize science concepts. Going into middle school this course solidifies fundamentals like plant and animal body systems, along with plant and animal behavior. Taught from a biblical viewpoint, this course integrates hands-on experiment activities and helpful illustrations with lessons to emphasize science concepts

Broadening students' grasp of chemistry and physics basics, lesson topics include chemical structure. DNA and genetics, motion, the Periodic Table, the earth's orbit and solar system, astronomy, and light and sound waves. Fun writing exercises are included to help build science vocabulary. Course units contain quizzes and tests to evaluate progress and student mastery.

History and Geography

Course Length: 2 Semesters

General Overview of Course

- World Geography
- The Cradle of Civilization
- Greece and Rome
- The Middle Ages
- Six South American Countries
- Other American Countries
- Africa
- Modern Western Europe
- Modern Eastern Europe
- The Development of Our World

Students travel the world in sixth grade history and geography. In this fun, colorful course, students explore continental geography. Lessons include topics such as latitude and longitude, hemispheres, and various world regions. Step-by-step explanations, map exercises, and helpful illustrations are added to build comprehension and motivate students.

Taking a trip across time and civilizations, this course's topics include Mesopotamia, ancient Greece and Rome, and the middle Ages and the Crusades. Students discover countries of Africa and South America. Eastern and Western Europe are also examined from the Renaissance Period through Communism and the Space Age. Course units contain quizzes and tests to evaluate progress and student mastery.

Bible

Course Length: 2 Semesters

General Overview of Course

- From Creation to Moses
- From Joshua to Samuel
- The Kingdom of Israel
- The Divided Kingdom
- Captivity and Restoration
- The Life of Jesus
- The Followers of Jesus
- The Apostle Paul
- Hebrews and General Epistles
- Revelation and Review

Students get a comprehensive Bible survey course in sixth grade Bible. In this course, students will cover biblical topics from Creation to Revelation. Utilizing the King James Version, this Bible course covers a variety of biblical material to assist in the development of practical Christian living.

Traveling the span of the Bible, this course starts in the Old Testament with topics that include God's grand design and creation, Abraham and his descendants, Joshua and the Kingdom of Israel, and Israel's captivity and restoration. New Testament instruction begins with the life of Christ, the life and writings of Paul and the apostles, and ends with Revelation. Course units contain quizzes and tests to evaluate progress and student mastery.

Language Arts

Course Length: 2 Semesters

General Overview of Course

- Word Usage
- Additional Word Usage
- Biographies
- Language Structure
- Nature of English
- Mechanics of English
- The Novel
- Literature
- Compositions
- Looking Back

Students learn the importance of English structure in seventh grade language arts. Outlining the mechanics and nature of English, this informative course includes step-by-step lessons that help explain topics such as sentence structure. Integrated throughout the lessons, English elements of spelling, reading, vocabulary, composition, and speaking are also included

Furthering students' understanding of literature and composition, additional lesson topics include handwriting skills, word usage, language structure, storytelling, and biographies. The novel, nonfiction literature, composition, and spoken language are also discussed in detail. Full color, illustrated lessons engage learners and topics are reinforced through activities and exercises. Course units contain quizzes and tests to evaluate progress and student mastery.

Math

Course Length: 2 Semesters

General Overview of Course

- Integers
- Fractions
- Decimals
- Patterns and Equations
- Ratios and Proportions
- Probability and Graphing
- Data Analysis
- Geometry
- Measurement and Area
- Surface Area and Volume

In seventh grade math, students build solid foundations for high school math by studying topics such as basic pre-algebra and pre-geometry concepts. Lessons include exercises with whole numbers, shapes, rational numbers, sets, and numbers, fractions, and formulas and ratios.

Making pre-algebra easy to approach, this math course includes step-by-step explanations, helpful illustrations, and activities to grow comprehension. Additional lesson topics include equations, statistics, graphs, rational numbers, and applications. Course units contain quizzes and tests to evaluate progress and student mastery.

Science

Course Length: 2 Semesters

General Overview of Course

- What Is Science?
- Perceiving Things
- Earth in Space I
- Earth in Space II
- The Atmosphere
- Weather
- Climate
- Human Anatomy I
- Human Anatomy II
- Careers in Science

In seventh grade science, students focus on learning about the earth in space, planets, the solar system, and the tools of astronomy. Fun, colorful lessons explore this history of stargazing, the atmosphere layers, climates, and the forces of weather. This Bible-based course integrates hands-on experiment activities with lessons to emphasize concepts.

Students learn about general science fundamentals with topics such as an in-depth examination of the human anatomy. Students review cell structure, body systems, and science careers, and measuring with the metric system. Step-by-step lessons and interactive activities make learning science exciting and engage minds in subject matter. Course units contain quizzes and tests to evaluate progress and student mastery.

History and Geography

Course Length: 2 Semesters

General Overview of Course

- What Is History?
- What Is Geography?
- U.S. History and Geography
- Anthropology
- Sociology
- U.S. Anthropology
- Economics
- Political Science
- State Economics and Politics
- Social Science Review

In seventh grade history and geography, students review the definition of history and geography, along with taking a look at U.S. history and geography. Bright, full-color lessons include various question formats, hands-on exercises, and map activities to help build understanding.

Examining aspects of society, this course delves into anthropology, economics, political science, with a focus on state economics and politics. Understanding cultural diversity and sociology is the main focus of this course for middle school students. Lesson vocabulary words and objectives improve knowledge and clearly outline important facts and dates. Course units contain quizzes and tests to evaluate progress and student mastery.

Bible

Course Length: 2 Semesters

General Overview of Course

- Worship
- Mankind
- The Attributes of God
- Fulfilled Prophecies of Christ
- New Life in Christ
- The Psalms
- The Life of Christ: Part 1
- The Life of Christ: Part 2
- The Life of Christ: Part 3
- Summary

Seventh grade Bible continues to build students' knowledge of Christian living and the life of Christ. Study topics include the nature of worship, mankind and the fall of man, and God's attributes of mercy, grace, and love. Encouraging lessons are filled with color, learning activities, Bible verse memorization, and important vocabulary words.

Utilizing the King James Version, this Bible course covers additional subjects such as fulfilled prophecies of Christ, new life in Christ, the Psalms, and the life of Christ. In-depth lessons take a look at the early life of Christ, His ministry in Galilee, Jesus' sufferings and crucifixion. Course units contain quizzes and tests to evaluate progress and student mastery.

Language Arts

Course Length: 2 Semesters

General Overview of Course

- Evolution of English
- Listening and Speaking
- Effective Sentences
- Power of Words
- Elements of Composition
- Structure of Reading
- Oral Reading and Drama
- The Short Story
- The Novel
- Looking Back

Improve students' speaking and writing skills with eighth grade language arts. In this course, students are presented with integrated English instruction that interweaves the elements of sentence structure, spelling, reading, vocabulary, composition, and speaking. Strengthening communication and promoting correct language usage is the main focus of this course.

Lesson topics include handwriting practice, etymology, grammar, dictionary and thesaurus skills, and written and oral language. Full-color illustrations and hand-on exercises motivate students to learn and help cement concepts being taught. A perfect review course before high school, this course covers lessons on literature, critical thinking, listening, parts of speech, and punctuation. Course units contain quizzes and tests to evaluate progress and student mastery.

Math

Course Length: 2 Semesters

General Overview of Course

- The Real Number System
- Modeling Problems in Integers
- Modeling Problems with Rational Numbers
- Proportional Reasoning
- More with Functions
- Measurement
- Plane Geometry
- Measures of Solid Figures
- Data Analysis
- Probability

Equip students for algebra with this course. In eight grade math, students continue their preparation for success in high school math by reviewing pre-algebra and pre-geometry basics. Fundamental principles reviewed include whole numbers, factors, rational numbers, and an in-depth look at fractions, including rounding, percent, and mixed fractions.

Students get a solid foundation for algebra by mastering topics such as sets, bases, decimals, statistics, probability, square roots, and algebraic equations. Formulas and geometric shape measurements are also practices. Critical thinking activities, various problem exercises, and clear directions help making learning math easier. Course units contain quizzes and tests to evaluate progress and student mastery.

Science

Course Length: 2 Semesters

General Overview of Course

- Science and Society
- Structure of Matter I
- Structure of Matter II
- Health and Nutrition
- Energy I
- Energy II
- Machines I
- Machines II
- Balance in Nature
- Science and Technology

In eighth grade science, students focus on improving understanding of general science principles. Lessons review and refresh material such as geology, body health, and astronomy. This course integrates hands-on experiment activities with lessons to emphasize science concepts.

Building students' knowledge of scientific subjects, topics of study also include the structure of matter, atomics, nuclear energy, volume and mass, density, and oceanography. A section also examines science's influence on the future through technology, industry, and ecology. Course units contain quizzes and tests to evaluate progress and student mastery.

History and Geography

Course Length: 2 Semesters

General Overview of Course

- Europe Comes to American
- British American
- The American Revolution
- A Firm Foundation
- A Growing Nation
- The Civil War
- Gilded Age to Progressive Era
- A World in Conflict
- Cold War America
- Recent American and Review

In eight grade history and geography students learn about United States history. Fun, colorful lessons explore the European influences in the development of the New World, the colonization of America, and the American Revolutions. Illustrations, activities, and writing exercises are included to build comprehension and ensure concept retention.

Additional lessons review significant points in U.S. history such as America's emergence as a free nation, the Westward Expansion, the Civil War, and the Industrial Age. The United States' role as a world power in the twentieth century and their position in the changing world of today is also examined. Course units contain quizzes and tests to evaluate progress and student mastery.

Bible

Course Length: 2 Semesters

General Overview of Course

- Prayer
- Sin and Salvation
- Attributes of God
- Early Church Leaders
- Early Church History
- The Early Churches
- The Book of Proverbs
- Today's Problems
- Understanding Parents
- Walking With God

In eighth grade Bible, students will continue their study of practical Christianity and church history. Utilizing the King James Version, this Bible course covers the establishment of the church and purposes of worship. Scripture memorization, colorful illustrations, and practical exercises are included through lessons to build comprehension and engage students in learning.

This Bible course includes helpful topics such as prayer, sin and salvation, God's love and justice, Proverbs, God's will and attributes, and the role of parents and children. Early church leaders, the history of the church in the Roman Empire, the importance of the Jews, the Jerusalem church, and early churches at Antioch and the New Testament churches are also discussed. Course units contain quizzes and tests to evaluate progress and student mastery.

Elementary Spanish (Grade 6)

Course Length: 1 Semester

General Overview of Course

- Vocabulary
- Pronunciation
- Listening Comprehension
- Speaking Fluency
- Reading Comprehension

Introduce learning to Spanish with this fun, step-by step basic Spanish course. This one semester elective is an enjoyable beginner's course to the Spanish language for students in grade 6. Adventure-themed lessons use culturally relevant stories, songs, games, and puzzles to keep young students engaged.

Lessons introduce students to Spanish with everyday situational conversations such as meeting friends, shopping at the market, and traveling and visiting locations. No quizzes or tests are included in this five unit course, but lesson include clear directions so parents can help students develop Spanish vocabulary, pronunciation, listening and reading comprehension, and speaking fluency.

No previous Spanish is required for success in this course.

Elementary French (Grade 6)

Course Length: 1 Semester

General Overview of Course

- Vocabulary
- Pronunciation
- Listening Comprehension
- Speaking Fluency
- Reading Comprehension

Give students a beginner course for learning French for grade 6. This one semester elective includes clear directions with step-by-step lessons to help students go from *bonjour* to *parfait*. Adventure-themed lessons use culturally relevant stories, songs, games, and puzzles to keep young students engaged.

Lessons introduce students to French with everyday situational conversations such as meeting friends, shopping at the market, and traveling and visiting locations. . No quizzes or tests are included in this five unit course, but lesson include clear directions so parents can help students develop French vocabulary, pronunciation, listening and reading comprehension, and speaking fluency.

No previous French is required for success in this course.

Introduction to Spanish (Grades 7-8)

Course Length: 2 Semesters

General Overview of Course

- Vocabulary
- Pronunciation
- Parts of Speech
- Sentence Patterns
- Translation
- Listening Comprehension
- Verb Tenses
- Pronouns
- Locations
- Action and Auxiliary Verbs
- Irregular Verbs
- Reading Comprehension

This introductory Spanish course, created for middle school students, blends fun learning techniques together with an effective language study. Adventure-themed lessons teach students how to speak and write Spanish in a variety of situations before compelling their mission. Colorful lessons and learning activities reinforce vocabulary and comprehension.

Comprehensive and step-by-step, this world language elective includes language resources, memory aids, songs, and cultural insights. Lessons cover topics such as vocabulary, pronunciation, parts of speech, sentence patterns, and more. Verb tense, pronouns, locations, plurals, conjugations, and listening comprehension are all studied. Course units contain quizzes and tests to evaluate progress and student mastery.

This course includes all audio recordings of Spanish speakers. No extra materials are required.

Introduction to French (Grades 7-8)

Course Length: 2 Semesters

General Overview of Course

- Vocabulary
- Pronunciation
- Parts of Speech
- Sentence Patterns
- Translation
- Listening Comprehension
- Verb Tenses
- Pronouns
- Locations
- Action and Auxiliary Verbs
- Irregular Verbs
- Reading Comprehension

In this introduction to French, students become secret agents on a special mission. Preparing students for high school French, this course teaches learners how to speak and write French in a variety of situations before completing their mission. Colorful, adventure-themed lessons and learning activities encourage student interaction and reinforce pronunciation and comprehension.

Comprehensive and step-by-step, this world language elective includes language resources, memory aids, songs, and cultural insights. Lessons cover topics such as vocabulary, pronunciation, parts of speech, sentence patterns, and more. Verb tense, pronouns, locations, plurals, conjugations, and listening comprehension are all studied. Course units contain quizzes and tests to evaluate progress and student mastery.

This course includes all audio recordings of French speakers. No extra materials are required.

Health Quest

Course Length: 1 Semester

General Overview of Course

- Personal Hygiene
- Fitness
- Exercise Techniques
- Personal Stewardship
- Ecological Stewardship

This fun, computer-based course is biblically based and addresses important areas for good fitness. Health Quest is a colorful one semester course that covers topics such as personal hygiene, fitness, exercise techniques, and personal and ecological stewardship. Students will learn important health lessons from a bible-based view. Course units contain quizzes and tests to evaluate progress and student mastery.