

LIBERTY UNIVERSITY



Grade Level
Curriculum Guide
3rd Grade



Liberty University Online Academy
Distance Learning Administration
1971 University Blvd.
Lynchburg, VA 24502

PROFILE SHEET

Description: Liberty University Online Academy is a grade 3-12 unit school dedicated to maintaining high academic standards within the framework of a technology-based educational program. The school is physically housed at Liberty University in Lynchburg, Virginia, with students attending from national and international sites. The school believes in and is dedicated to preparing young people to fulfill elementary and secondary academic objectives that will enable them to pursue post high school goals.

Accreditation: The Academy is accredited by the Southern Association of Colleges and Schools Council on Accreditation and School Improvement (SACS CASI). SACS CASI, an accreditation division of its parent organization AdvancEd, accredits nearly 13,000 public and non-public institutions in 11 southeast states, Mexico, Central and South America, and islands of the Caribbean.

Faculty: Academy teachers are degreed in their subject area and state licensed as prepared professionals. They provide support to parents and students through electronic correspondence. Assessment of student work is provided by the teacher, and grades are available to students and parents twenty-four hours daily through an online grade-book.

School Year: A school year is considered to be 180 days, or 90 days per semester.

Unit of Credit: While there is flexibility in doing schoolwork in a distance format, the Academy requires 180 days of instructional work for full academic credit to be granted.

Curriculum: Liberty University Online Academy offers courses for elementary and high school students (grades 3-12) with an emphasis on individualized learning. The Christ-centered curriculum is provided through an Internet-based format that utilizes the latest in online technology including a wide variety of interactive educational activities—movies, animations, instructional games, and audio clips—to engage students actively in the learning process. Dual enrollment credits are available to qualified high school students through a partnership with Liberty University's Distance Learning Program.

Achievement Tests: Students at Liberty University Online Academy are administered annual achievement testing, using the Stanford Achievement Test Series, Tenth Edition.

Diplomas: Two high school diploma options are available – standard and advanced diplomas.

GRADING SCALE

A	93 – 100
B	85 – 92
C	77 – 84
D	70 – 76
F	Below 70

3rd Grade Scope and Sequence

Bible	Language Arts	Mathematics	Science	Social Studies
You Can Trust Your Bible	Vowels, Main Idea, Capitalization	Adding and Subtracting	You Grow and Change	Farm Communities
The Life of Christ	Sentences, Capitalization, ABC Order	Place Value and Operations	Plants	Specialized Farms
Joseph! What was God's Plan?	Dictionary Skills, Word Parts, Vocabulary	Addition and Subtraction of 2 Digit Numbers	Animals: Growth and Change	Animal Farms
Living for God	Parts of Speech, Irregular Verbs, Comprehension	Number Patterns and Operations	You are What You Eat	Fishing Communities
God Takes Care of His People	Reading to Understand, Commas, Silent Letters	Number Patterns and Operations	Properties of Matter	Mining Communities
The Bible is the Word of God	Cause and Effect, Homographs, Haiku Poetry	Shapes and Operations	Sounds and You	Logging Industry
Archaeology and the Bible	Following Directions, Suffixes, Pronouns, Friendly Letters	Fractions and Operations	Time and Seasons	Manufacturing Community
God Gave Us the Need for Friends	Reading a Play, Comparing with Adjectives, Root Words	Measurement and Operations	Rocks and Their Changes	Technology
God Wants Man to Help Man	Classifying, References, Thank-You Letters, Predicting Outcomes	Review for Mastery	Heat Energy	Space
Review	Review	More Practice and Review	Review	Review

Bible: 3rd Grade – Introduction to the Bible

Course Overview

Third grade Bible provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

Learner Objectives

Upon completion of the course, students:

- Identify how a Christian lives for God.
- Provide an overview of the life of Jesus.
- Provide an overview of the life of Joseph.
- Explain how a Christian can use the Bible.
- Discuss how God takes care of His children.
- Defend the Bible as the Word of God.
- Understand the nature and role of archaeology as they relate to the Bible.
- Explain the need and role of biblical friendships.
- Discuss how Christians help other people.

There are 80 lessons, 7 projects, 34 quizzes, and 10 tests divided among 10 total units of instruction.

Course Sequence

Unit 1: You Can Use the Bible

8 Lessons, 4 Quizzes, 1 Test

- Books of the Bible
- How to Read and Study the Bible
- How to Find Verses
- How to Memorize Verses

Unit 2: The Life of Jesus Christ

11 Lessons, 4 Quizzes, 1 Test

- Mary and Joseph
- Jesus in the Temple
- Jesus Teaches and Saves
- Jesus Dies and Lives Again

Unit 3: Joseph! What Was God's Plan?

9 Lessons, 3 Quizzes, 1 Test

- The Dream of Joseph
- Joseph and His Brothers
- Joseph in Egypt
- God Watched over Joseph

Unit 4: Living for God

12 Lessons, 4 Quizzes, 1 Test

- I Love and Obey God
- I Praise God
- I Worship God
- I Serve God

Unit 5: God Takes Care of His People

6 Lessons, 3 Quizzes, 1 Test

- God's Love for People
- God Guides People
- God Protects People
- God Blesses People

Unit 6: The Bible Is the Word of God

8 Lessons, 1 Project, 4 Quizzes, 1 Test

- The Writers of the Word
- The Word is Preserved
- The Word Changes Lives
- Promises of the Word

Unit 7: Archaeology and the Bible

6 Lessons, 2 Projects, 3 Quizzes, 1 Test

- The Search for Treasure
- Clues from Old Stories
- Explaining the Puzzles
- Joining the Search

Unit 8: God Gave Us the Need for Friends

6 Lessons, 2 Projects, 3 Quizzes, 1 Test

- We Need Love
- We Need Friendship
- God Commands Our Love
- Love for Others

Unit 9: God Wants Man to Help Man

6 Lessons, 3 Quizzes, 1 Test

- All People Are Created by God
- God Loves Me
- God's Love for Others
- God Is My Father

Unit 10: Review

8 Lessons, 2 Projects, 3 Quizzes, 1 Test

- God Speaks to Man
- Writers of the Word
- Jesus and the Word
- God's Family

Language Arts: 3rd Grade

Course Overview

Third grade Language Arts builds sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading-** introduces students to basic reading skills, including the identification of main ideas, supporting details, sequence, and facts and opinions; shows students how to identify parts of speech in sentences; helps students develop basic literary comprehension skills through the reading of short stories, a short play, and haiku poetry.
- **Writing-** develops students' understanding of sentence structure, providing hands-on experience with complete sentences and parts of speech; introduces students to roots and affixes, and basic word relationships, including homographs, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, haiku poetry, short stories, and friendly letters.
- **Special Topics-** introduces basic research skills, including the use of atlases, dictionaries, encyclopedias, newspaper and magazine articles, and textbooks.

Learner Objectives

By the end of the course, students:

- Identify main ideas, supporting ideas in a given passage.
- Differentiate between fact and opinion in reading literature.
- Identify parts of speech in sentences.
- Utilize roots and affixes in spelling words.
- Write haiku poetry, short stories, and friendly letters.

There are 98 lessons, 7 projects, 64 quizzes, and 10 tests divided among 10 total units of instruction.

Course Overview

Unit 1: Vowels, Main Idea, Capitalization

7 Lessons, 7 Quizzes, 1 Test

- Language Arts Symbols
- Short Vowel Spelling
- Reading to Find the Main Idea

Unit 2: Sentences, Capitalization, ABC Order

8 Lessons, 1 Project, 8 Quizzes, 1 Test

- Capital Letters
- Long Vowel Spelling
- Words that Sound Alike
- Silent e
- Alphabetical Order

- Spelling with Vowel Pairs

Unit 3: Dictionary Skills, Word Parts, Vocabulary

12 Lessons, 8 Quizzes, 1 Test

- Using the Dictionary
- Spelling with r controlled vowels
- Spelling with ar and or
- Antonyms
- Folk Tales

Unit 4: Parts of Speech, Irregular Vowels, Comprehension

12 Lessons, 1 Project, 7 Quizzes, 1 Test

- Nouns, Adjectives, Verbs, Adverbs
- Spelling with Irregular Vowel Sounds
- Punctuation Marks

Unit 5: Reading to Understand, Commas, Silent Letters

9 Lessons, 6 Quizzes, 1 Test

- Story Elements
- Spelling with gh
- Spelling with Suffixes
- Punctuation Marks

Unit 6: Cause and Effect, Homographs, Haiku Poetry

8 Lessons, 1 Project, 8 Quizzes, 1 Test

- Character/Main Idea/Details in a Parable
- Sequence/Cause and Effect
- Haiku Poetry and Homographs
- Spelling with eer and ion
- Spelling with ei and ie and plural words with -air

Unit 7: Following Directions, Suffixes, Pronouns, Friendly Letters

12 Lessons, 1 Project, 8 Quizzes, 1 Test

- Spelling Compound Words
- Reading: Following Directions/Fact or Fiction
- Spelling with Suffixes: er and est
- Composition of Friendly Letters

Unit 8: Reading a Play, Comparing with Adjectives, Root Words

11 Lessons, 6 Quizzes, 1 Test

- Reading for Sequence and Details
- Comparing with Adjectives
- Action and State-of-Being Verbs
- Spelling with Root Words

Unit 9: Classifying, References, Thank-You Letters, Predicting Outcomes

9 Lessons, 1 Project, 6 Quizzes, 1 Test

- Reading to Classify
- Reading for Information
- Reading to Predict Outcomes
- Spelling with Prefixes

- Writing a Thank-You Letter
- Using Reference Books
- Spelling with the Suffix –teen

Unit 10: Review

10 Lessons, 2 Projects, 4 Quizzes, 1 Test

- Reading: Sequence and Context Clues, Cause and Effect
- Grammar: Vowels, Punctuation, Capitalization, Parts of Speech, Alphabetical Order
- Writing: Friendly Letters, Thank-You Letters

Course Focal Components

Reading Comprehension Skills

- Cause and Effect
- Context Clues
- Determining Author’s Purpose—Reading for Entertainment and Reading for Information
- Following Written Directions
- Identifying Facts and Opinions
- Identifying Main Ideas and Supporting Details
- Predicting Outcomes
- Reading Haiku
- Reading a Short Play
- Reading Short Stories
- Sequence

Composition

- Paragraph Elements and Structure
- Writing a Friendly Letter
- Writing Haiku
- Writing Short Stories

Grammar and Usage

- Adjectives—Making Comparisons
- Nouns—Singular and Plural
- Parts of Speech—Identification
- Punctuation—Commas, Exclamation Points, Periods, and Question Marks
- Sentence Structure—Complete Sentences

Literature Studies

- Drama
 - Definition
 - Elements—Structure, Character, and Setting
- Fiction—Definition
- Nonfiction—Definition
- Poetry
 - Definition
 - Elements—Structure, Rhyme, and Meter
 - Haiku

Spelling

- Compound Words
- Confusing Spellings
- Irregular Vowels
- Roots and Affixes
- Word Endings
- Words with “ie” and “ei”
- Words with Irregular Vowels

Vocabulary

- Alphabetizing
- Capitalization
- Compound Words
- Dictionary Skills
- Word Relationships—Synonyms, Antonyms, and Homographs
- Word Structure—Roots and Affixes

Mathematics: 3rd Grade

Course Overview

Third grade math is a full-year math course designed to continue students' mathematical growth by focusing on number skills and numerical literacy. In it, students will gain experience with number theory and operations, learning how to apply these in measurement situations. This course also integrates geometric concepts and skills throughout the units as well as introduces students to statistical concepts. It presents instruction under the spiral method, with regular review and reinforcement of previous content.

Learner Objectives

By the end of the course, students:

- Understand place value and how to compare and order numbers.
- Perform addition and subtraction, carrying and borrowing on whole numbers.
- Know basic multiplication facts.
- Understand representations in fraction and mixed number forms.
- Understand concepts of likelihood and basic probability.
- Understand concepts of shape, symmetry, and perimeter.
- Understand measurement concepts, including time and temperature.
- Understand representations using decimals and money.

There are 147 lessons, 50 quizzes, and 10 tests divided among 10 total units of instruction.

Course Sequence

Unit 1: Adding and Subtracting

19 Lessons, 5 Quizzes, 1 Test

- Patterns—Digits and Number Words
- Place Value
- Single-Digit Addition and Subtraction
- Addition and Subtraction Problems
- Numbers on a Number Line
- Pattern for Expanded Notation
- Adding Multi-Digit Numbers
- Subtracting Three-Digit Numbers
- Measurement
- Operations Symbols
- Adding with Carrying
- Cardinal and Ordinal Numbers
- Standard Measurement for Time and Calendars

Unit 2: Place Value and Operations

16 Lessons, 5 Quizzes, 1 Test

- Family of Facts
- Adding and Subtracting Ones, Tens, and Hundreds
- Place Value and Number Words
- Addition with Carrying

- Skip Counting and Number Words
- Skip Counting and Addition with Carrying
- Subtracting with Borrowing
- Shapes
- Money
- Borrowing
- Addition and Subtraction—Checking Answers

Unit 3: Addition and Subtraction

16 Lessons, 5 Quizzes, 1 Test

- Addition of 2-Digit Numbers
- Addition—with and without Carrying
- Measurements—Weight and Volume
- Fact Families, Place Value, and Number Order
- Checking Addition Problems—with and without Carrying
- Number Sentences and Symbols
- Subtraction with Borrowing and Checking
- Fractions
- Time—AM and PM
- Story Problems

Unit 4: Number Patterns and Operations

16 Lessons, 5 Quizzes, 1 Test

- Numbers to Thousands Place
- Addition and Skip Counting
- Rounding and Estimation
- Subtraction with Borrowing
- Measurements
- Number Words and Place Value
- Patterns, Expressions, and Symbols
- Patterns of Addition and Subtraction
- Roman Numerals
- Fractions
- 3-Digit Addition Practice
- Borrowing Review
- Fractions and Number Words
- Word Problems

Unit 5: Number Patterns and Operations

16 Lessons, 5 Quizzes, 1 Test

- Number Sentences
- Addition and Subtraction
- Concept Review—Cardinal/Ordinal, Measurement, Time, Fractions
- Using Place Value
- Measuring Heat
- Using Operations Signs
- Patterns and Shapes
- Estimating Answers
- Linear Measurement—Perimeter
- Multi-Digit Addition and Subtraction
- Odd or Even Numbers
- Checking Addition
- Subtraction with Checking Answers
- Roman/Arabic Numbers, Number Sentences, and Fractions

Unit 6: Shapes and Operations

14 Lessons, 5 Quizzes, 1 Test

- Multi-Digit Addition
- Multiples
- Patterns
- Subtraction Review
- Perimeter and Area
- Add/Subtract Fractions, Place Value, and Number Sentences
- Addition Review with Fractions
- Money
- Multiplication
- Shapes and Drawing
- Addition and Subtraction
- Story Problems

Unit 7: Fractions and Operations

13 Lessons, 5 Quizzes, 1 Test

- 1-, 2-, 3-, and 4-Digit Numbers and Place Values
- Subtraction with Borrowing
- Multiplication Facts
- Measurement
- Adding/Subtracting Mixed Numbers
- Fractions and Likelihood
- Symmetry
- Money
- Missing Number Problems
- Multiplication Practice
- Story Problems

Unit 8: Measurement and Operations

13 Lessons, 5 Quizzes, 1 Test

- Shapes
- Addition
- Time and Measurement
- Fractions
- The Decimal Point
- Money Problems
- Maps and Graphs
- Multiples of 3, 4, and 9
- Addition with Checking
- Graph and Word Problems

Unit 9: Review for Mastery

14 Lessons, 5 Quizzes, 1 Test

- Symmetry
- Shapes and Lines
- Fractions and Groups
- Addition with Checking
- Multiple Concepts
- Measurement
- Mixed Numbers
- Graphs

- Likelihood
- Roman Numerals

Unit 10: Practice and Review

15 Lessons, 5 Quizzes, 1 Test

- Number Patterns and Estimation
- Addition and Subtraction with Fractions
- Multiples
- Mental Math
- Graphs
- Likelihood
- Arithmetic Problems
- Fractions and Decimals
- Mixed Numbers and Fractions
- Symmetry, Shape, and Measurement
- Roman Numerals
- Fractions and Mixed Numbers
- Logical and Numerical Patterns
- Perimeter
- Story Problems

Science: 3rd Grade

Course Overview

Third grade science is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course provides a broad survey of the major areas of science, including the life, earth, and physical sciences. It seeks to hone students' observational skills through experimentation and projects, preparing students for higher levels of science.

Learner Objectives

Upon completion of the course, students:

- Demonstrate a basic understanding of the systems in a human body.
- Discuss the process a plant goes through to grow.
- Explain the difference between types of animals.
- Determine which eating and care habits are the healthiest for students.
- Distinguish between the three phases of matter and describe their properties.
- Explain how sound travels.
- Describe why time and seasons change.
- Discuss how rocks are formed and how they change.
- Explain how heat is produced.

There are 47 lessons, 51 projects, 30 quizzes, and 10 tests divided among 10 total units of instruction.

Course Sequence

Unit 1: You Grow and Change

5 Lessons, 5 Experiments/Projects, 4 Quizzes, 1 Test

- The Air We Breathe
- Food for Your Body
- Exercise and Rest
- You Are Different from Animals

Unit 2: Plants

3 Lessons, 6 Experiments/Projects, 3 Quizzes, 1 Test

- Plant Parts
- Plant Growth
- Seeds and Bulbs
- Stems and Roots

Unit 3: Animals: Growth and Change

5 Lessons, 6 Experiments/Projects, 3 Quizzes, 1 Test

- The Environment Changes
- Animals Are Different
- How Animals Grow
- How Animals Change

Unit 4: You Are What You Eat

5 Lessons, 4 Experiments/Projects, 3 Quizzes, 1 Test

- Food Types and Food Groups
- Food—Good and Bad
- Developing Good Eating Habits
- Proper Hygiene, Dental Care, and Eye Care

Unit 5: Properties of Matter

4 Lessons, 8 Experiments/Projects, 2 Quizzes, 1 Test

- Robert Boyle
- States of Matter
- Physical Changes
- Chemical Changes

Unit 6: Sounds and You

4 Lessons, 7 Experiments/Projects, 3 Quizzes, 1 Test

- Making Sounds
- Different Sounds
- How Sounds Move
- How Sounds Are Heard

Unit 7: Time and Seasons

3 Lessons, 5 Experiments/Projects, 3 Quizzes, 1 Test

- The Earth Rotates
- The Earth Revolves
- Time Changes
- Seasons Change

Unit 8: Rocks and Their Changes

7 Lessons, 2 Experiments/Projects, 3 Quizzes, 1 Test

- Formation of Rocks
- Changing Rocks
- Rocks for Buildings
- Rock Collecting

Unit 9: Heat Energy

6 Lessons, 5 Experiments/Projects, 3 Quizzes, 1 Test

- Sources of Heat
- Heat Energy
- Moving Heat
- Benefits and Problems of Heat

Unit 10: Review

5 Lessons, 3 Experiments/Projects, 3 Quizzes, 1 Test

- Changes in Man
- Changes in Plants
- Matter and Time
- Sound and Energy

History and Geography: 3rd Grade

Course Overview

History and Geography 3rd grade develops within students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. This course focuses on different types of communities and their local industries, such as farming and fishing communities, placing special emphasis on a variety of manufacturers. The course presents a survey of several 19th and 20th century inventors and inventions. These areas of focus target three major content strands: Geography, History, and Economics.

Learner Objectives

Upon completion of the course, students:

- Describe various types of farms and some of the tasks required in farming.
- Locate and describe different fishing communities in the United States and the types of fish found in each one.
- Describe how the process of mining has changed over the years and what types of minerals and ore are mined.
- Describe how the process of logging has changed over the years and the challenges faced by the logging community today.
- Identify significant manufacturing industries.
- Identify significant inventors, such as Samuel F. B. Morse, Alexander Graham Bell, and Thomas Edison, noting their accomplishments.
- Identify significant events and people in the history of space exploration.

There are 64 lessons, 13 projects, 31 quizzes, and 10 tests divided among 10 total units of instruction.

Course Sequence

Unit 1: Farm Communities

8 Lessons, 1 Project, 4 Quizzes, 1 Test

- General Farm Communities
- Seasons on a Farm

Unit 2: Specialized Farms

7 Lessons, 4 Quizzes, 1 Test

- Wheat and Grains
- Corn
- Soybeans
- Cotton
- Orchards

Unit 3: Animal Farms

6 Lessons, 3 Quizzes, 1 Test

- Cattle Ranching
- Dairy Farming

- Poultry Farming

Unit 4: Fishing Communities

4 Lessons, 2 Quizzes, 1 Test

- Atlantic and Pacific Coast Fishing
- Gulf of Mexico Fishing
- Great Lakes Fishing

Unit 5: Mining Communities

6 Lessons, 3 Quizzes, 1 Test

- Coal Mining—Early and Modern Methods
- Ore Mining—Iron, Gold, Silver, and Copper
- Drilling for Petroleum

Unit 6: Logging Industry

6 Lessons, 1 Project, 3 Quizzes, 1 Test

- Lumber Camps
- Sawmills

Unit 7: Manufacturing Community

6 Lessons, 2 Projects, 3 Quizzes, 1 Test

- Automobiles
- Cereal
- Furniture
- Chemicals

Unit 8: Technology

6 Lessons, 3 Quizzes, 1 Test

- Samuel F. B. Morse—Telegraph
- Alexander Graham Bell—Telephone
- Thomas Alva Edison—Electric Light and Other Inventions
- Guglielmo Marconi—Radio
- Philo T. Farnsworth—Television

Unit 9: Space

8 Lessons, 2 Projects, 3 Quizzes, 1 Test

- The Space Community—NASA
- Early Astronauts and a Trip to the Moon
- Space Shuttles and Space Stations

Unit 10: Communities in Review

7 Lessons, 3 Quizzes, 1 Test

- Farming and Fishing
- Mining and Logging
- Manufacturing, Technology, and Space