

# Astronomy

## Jr. High Level and above (1/2 credit)

### *Spaceship Earth*

Science LIFEPAC 608

#### **Earth's Motion**

- Earth's Size and Shape
- Earth's Rotation
- Time
- Earth's Orbit
- Earth's Other Motions

#### **Eclipses**

- Solar Eclipses
- Lunar Eclipses

#### **The Solar System**

- The Sun
- The Planets and their Moons
- Asteroids, Comets, and Meteors

### *Astronomy and the Stars*

Science LIFEPAC 609

#### **Astronomy**

- God, Astronomy, and the Universe
- History of Astronomy
- Astronomy Today

#### **Stars**

- Colors and Temperatures
- Giants and Dwarfs
- Elements and Spectra
- Light Years and Astronomical Units

#### **Constellations and Major Stars**

- Familiar Constellations
- Major Stars
- How People Use the Stars

### *Earth in Space 1*

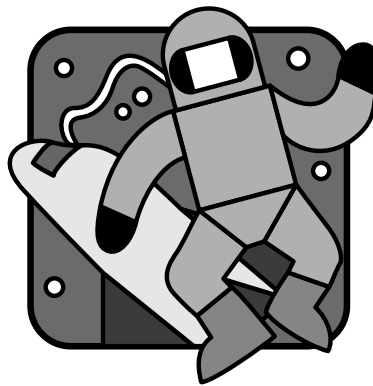
Science LIFEPAC 703

#### **Stargazing**

- The Ancients
- Constellations
- Geocentric Theory
- Wanderers
- Meteors

#### **Astronomy**

- The Transparent Sphere Hypothesis
- Copernicus
- The Telescope
- Galileo Galilei
- Tycho Brahe
- Johannes Kepler
- A Change of Mind
- Isaac Newton
- Measuring the Sky
- The Astronomer's Tools



### *Earth in Space 2*

Science LIFEPAC 704

#### **The Sun's Energy**

- Benefits of Solar Energy
- Source of Solar Energy

#### **The Sun's Family**

- Inner Planets
- Outer Planets
- Asteroids
- Comets

#### **The Moon**

- Orbit
- Rise and Set
- Rotation
- Phases
- Tides

#### **Eclipses**

- Why Eclipses Occur
- When Eclipses Occur
- What Kinds of Eclipses Occur

### *Astronomy*

Science LIFEPAC 907

#### **The Universe**

- Extent of the Universe
- Constellations

#### **Telescopes and Optics**

- Magnification
- Types of Telescopes
- Newer Types of Telescopes

#### **Space Explorations**

- Requirements for Launching a Satellite
- Planetary Missions

# Composition

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## High School Level (1/2 credit)

### *The Nature of English*

Language Arts LIFEPAC 705

#### **The Nature of Language**

- Words for Signals
- Words for Feelings
- Spelling

#### **The Structure of English**

- Formal English, Informal English, and Nonstandard English
- Smooth and Clear Expression
- Spelling

#### **The Correct Usage of English**

- Verbs
- Words Often Confused
- Spelling

### *Compositions*

Language Arts LIFEPAC 709

#### **Writing Sentences**

- Sentence Types
- Sentence Errors
- Spelling

#### **Writing Paragraphs**

- Paragraph Components
- Paragraph Patterns
- Paragraph Flaws
- Spelling

#### **Pronouncing Words**

- Practice of Actual Words
- Practice of "Nonsense" Words
- Spelling

### *Punctuation & Writing*

Language Arts LIFEPAC 803

#### **Punctuation**

- Ending a Thought
- Linking Ideas
- Interrupting a Thought
- Following an Introduction
- Spelling

#### **Literature**

- The Essay
- The Formal Essay
- Spelling
- The Informal Essay
- Spelling

### *Critical Reading & Paragraph Skills*

Language Arts LIFEPAC 807

#### **Critical Reading**

- Word Evaluation
- Author's Credentials and Information
- Analysis of Argument
- Propaganda
- Spelling (Silent Letters)

#### **Paragraphs**

- Structure
- Unity
- Coherence
- Spelling (Silent Letters)

#### **Composition**

- The Introductory Paragraph
- The Body
- The Concluding Paragraph
- Sentence Errors
- Spelling

### *Practical English*

Language Arts LIFEPAC 903

#### **Pronunciation**

- Using the Dictionary
- Using the Words

#### **Spelling**

- Pronunciation Techniques
- Mnemonics

#### **Writing**

- Preparing to Write
- Writing the Paper

# Geography

## High School Level (1/2 credit)

### *What is Geography?*

History & Geography  
LIFEPAC 702

#### **Geography and the Planet Earth**

- Classes of Geography
- Shape and Movement of the Earth

#### **Geography and Relief of the Earth**

- Types of Relief
- The Journey West
- An Experiment in Geography

#### **Maps and the Study of Our World**

- Types of Projections
- Places on Maps
- Time Changes and Location

### *History and Geography of Our States*

History & Geography  
LIFEPAC 703

#### **Looking at the United States**

- Geography of the United States
- Early History of the United States

#### **Physical and Cultural Regions of the Northeast and the South**

- Northeast
- South

#### **Physical and Cultural Regions of the Midwest and the West**

- Midwest
- West

### *The Earth and Man*

History & Geography  
LIFEPAC 906

#### **The Earth is Man's Home**

- Man Inhabits the Earth
- Man Survives the Flood
- Man Covers the Earth
- Man Begins History

#### **The Earth is Developed by Man**

- Development of Civilizations
- Development of Water Transportation Systems
- Development of Resources
- Development of Cities

#### **The Earth Has a Future**

- World Leaders Pursue Peace
- Divine Judgment Brings Peace

### *Regions of the World*

History & Geography  
LIFEPAC 907

#### **Region: A Definition**

- Nature of Regions
- Types of Regions
- Relationships of Regions

#### **World Regional Patterns: A Survey**

- Geographical Regions
- Climatic Regions
- Racial Regions
- Religious Regions

#### **Political and Economic Regions**

- Political Regions
- Economic Regions
- The European Union
- European Free Trade Association
- NAFTA
- ASEAN
- GATT

### *The Tools of the Geographer*

History & Geography  
LIFEPAC 909

#### **The Earth in Model Form—The Globe**

- The Invention of the Globe
- The Impression of the Globe
- The Instruction of the Globe

#### **The Earth in Picture Form—The Map**

- Reading and Interpreting Maps
- Types of Maps
- Uses of Maps

#### **The Earth in Symbol Form**

- Graphs
- Charts
- Other Resource Material



# Geology

## High School Level (1/2 credit)

### *Physical Geology*

Science LIFEPAC 903

#### **Earth Structures**

- Shape
- Rocks
- Layers
- Igneous Structures
- Mountains

#### **Earth Changes**

- Weathering
- Erosion and Sedimentation

#### **Earth Movements**

- Isostasy
- Folding
- Plate Tectonics

### *Historical Geology*

Science LIFEPAC 904

#### **An Observational Science**

- The Science
- Sedimentary Rock
- Fossils
- Crustal Changes

#### **Measuring Time**

- Relative Time
- Absolute Time

### *Oceanography*

Science LIFEPAC 908

#### **History of Oceanography**

- Chronology of Oceanography
- Techniques for Investigation
- Major Discoveries
- Submersible Research

#### **Geology of the Ocean**

- Geological Structure
- Results of Profiling
- Turbidity and Sedimentation
- World's System of Currents

#### **Biological, Chemical, and Physical Properties**

- Biology of the Ocean
- Chemistry of the Ocean
- Physical Properties of the Ocean
- Power Conversion

### *The Atmosphere*

Science LIFEPAC 705

#### **Structure of the Atmosphere**

- Gases
- Layers
- Solar Effects
- Influences on Life
- Changes

#### **Natural Cycles**

- Water Cycle
- Carbon-Oxygen Cycle
- Nitrogen Cycle

#### **Pollution**

- Types of Pollutants
- Effects in Life
- Our Responsibility

### *Climate*

Science LIFEPAC 707

#### **Climate: General**

- Weather
- Climate and Weather
- Parts of Climate

#### **Climate: Worldwide**

- Factors Affecting Climate
- General Distribution of Climate

#### **Climate: Regional**

- Classification of Climate
- Distribution of Climate Types

#### **Climate: Local**

- How Climate Affects People
- People, Communities, and Climate

# Life of Christ

Jr. High Level and above (1/2 credit)

## ***Christian Evidences: Fulfilled Prophecies About Christ***

Bible LIFEPAC 704 *New Edition*

### **The First Advent of the Messiah**

- The Method of the First Advent
- The Purpose of the First Advent

### **The Messianic Offices**

- The Offices of the Messiah Foretold
- The Offices of the Messiah Fulfilled

## ***The Life of Christ: Part One***

Bible LIFEPAC 707 *New Edition*

### **The Early Life of Christ**

- The Pre-existence of Christ
- The Birth of Christ
- The Youth of Christ

### **The Beginning of Christ's Ministry**

- The Baptism of Jesus
- The Temptations of Jesus
- The Disciples of Christ

### **The Early Judean Ministry**

- Jesus Cleanses the Temple
- Jesus Converses with Nicodemus
- Jesus and the Woman at the Well

### **The Early Galilean Ministry**

- Miracles
- Controversies
- Sermons

## ***The Life of Christ: Part Two***

Bible LIFEPAC 708 *New Edition*

### **Public Ministry in Galilee**

- Miracles
- Parables

### **Private Ministry in Galilee**

- The Disciples' Need
- The Lord's Provision
- The Transfiguration

### **Public Ministry in Judea and Perea**

- Judean Ministry
- Perea Ministry

## ***The Life of Christ: Part Three***

Bible LIFEPAC 709 *New Edition*

### **Jesus' Final Ministry in Jerusalem**

- Public Ministry
- Private Ministry
- The Last supper

### **Jesus' Sufferings and Crucifixion**

- Agony and Arrest
- The Trials of Jesus
- Crucifixion, Death, and Burial

### **Jesus' Resurrection and Ascension**

- The Resurrection
- The Appearances
- The Ascension

## ***The Revelation of Jesus Christ***

Bible LIFEPAC 906

### **The Glorious Christ and His People**

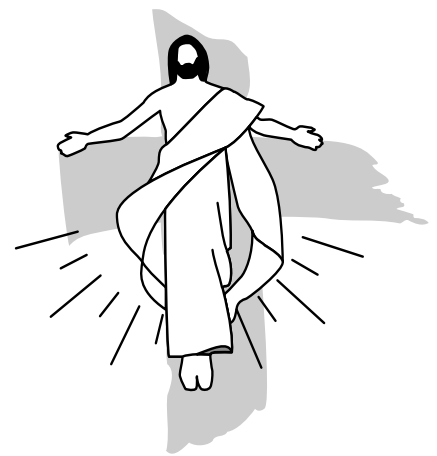
- The Seven Churches
- The Seven Seals

### **The Victorious Christ and His Enemy**

- The Seven Trumpets
- The Seven Signs
- The Seven Plagues

### **The Triumphant Christ and His Bride**

- The Seven Judgments
- The Seven Wonders



# Life Science

## High School Level (1/2 credit)

### *What is Science?*

Science LIFEPAC 701

#### **Tools of a Scientist**

- Observation
- Questions
- Measurement
- Classification
- Inductive Method
- Deductive Method

#### **Methods of a Scientist**

- Stating the Problem
- Forming the Hypothesis
- Conducting an Experiment
- Interpreting the Data
- Drawing Conclusions

#### **Work of a Scientist**

- The Scientist
- The Four Major Areas of Science

#### **Careers in Science**

- The Professional
- The Profession

### *Human Anatomy 1*

Science LIFEPAC 708

#### **Human Building Blocks**

- Cell Structure
- Cell Functions

#### **Human Framework**

- Skeletal System
- Muscles
- Skin

#### **Human Nervous System**

- Central Nervous System
- Senses

### *Human Anatomy 2*

Science LIFEPAC 709

#### **The Respiratory System**

- The Nose
- Throat Structures
- The Lungs

#### **The Circulatory System**

- The Heart
- Blood Vessels
- Blood

#### **The Digestive System**

- The Mouth
- The Stomach
- The Small Intestine
- The Large Intestine

#### **The Excretory System**

- Kidneys
- Bladder
- Skin

#### **The Endocrine System**

- The Pituitary Gland
- The Thyroid and Parathyroid Glands
- The Adrenal Glands

### *Balance in Nature*

Science LIFEPAC 809

#### **Photosynthesis and Food**

- Photosynthesis
- Food

#### **Natural Cycles**

- The Nitrogen Cycle
- The Decay Cycle
- The Water Cycle
- The Carbon and Oxygen Cycle

#### **Balance and Disruption**

- Nature in Balance
- Human Disruption
- Resources

### *Science and Tomorrow*

Science LIFEPAC 909

#### **People and Their Land**

- Ecology
- Agriculture
- Waste
- Population

#### **People and Their Environment**

- Energy Sources
- Industry
- Transportation
- Urbanization

#### **People and Their New Frontiers**

- Outer Space
- Inner Space
- Self Exploration

# *Mankind: Anthropology & Sociology*

High School Level (1/2 credit)

## *Mankind*

Bible LIFEPAAC 702 *New Edition*

### **The Origin of Mankind**

- The Creation of Man
- The Original Nature of Man

### **The Fall of Mankind**

- The Reasons for Man's Fall
- The Result of Man's Fall

### **The Re-creation of Man**

- The Method of Re-creation
- The Results of Re-creation

### **The Mission of Man**

- God's Original Mission
- God's Renewed Mission

## *Anthropology*

History & Geography  
LIFEPAAC 704

### **The Study of Man**

- The Basis of Anthropology
- The Science of Anthropology

### **The Nature of Man**

- The Unity of Man
- The Diversity of Man

### **The Culture of Man**

- Seeking Food
- Seeking Protection
- Seeking Prosperity

## *Sociology—Man in Groups*

History & Geography  
LIFEPAAC 705

### **An Introduction to Sociology**

- Definition
- Relationship to Other Subjects
- Historical Development
- Major Interests
- Importance to Christians

### **The Method of Sociology**

- Theory
- Description
- Statistics
- Surveys
- Experimentation
- Field Observation

## *Anthropology and Sociology of the United States*

History & Geography  
LIFEPAAC 706

### **Cultural Background of the United States**

- Native Americans
- Other Cultural Groups

### **Sociology and Culture of Groups from Distant Lands**

- Immigrants from Europe, Asia, and Africa
- Other Social Groups
- Regions of the Groups

### **Cultural and Social Interaction**

- United States as a Melting Pot
- Change in Society

## *The Earth and Man*

History & Geography  
LIFEPAAC 906

### **The Earth Is Man's Home**

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- Man Covers the Earth
- Man Begins History

### **The Earth Is Developed by Man**

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