





LIFEPAC® CURRICULUM

SCOPE & SEQUENCE

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804 N. 2nd Ave. E., Rock Rapids, IA 51246-1759

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AOP's Philosophy of Education

Bible-based: We believe that the Word of God is the standard and foundation for truth. Our educational resources are consistent with what is written in the Bible.

Cognitive Reasoning: Questions in LIFEPAC develop a student's cognitive reasoning. We go beyond rote memory questions (true/false, multiple choice, and fill-in-the-blank) and ask questions that require analytical skills (short answers, short essays, and experiments).

Mastery Learning: We believe every student should begin a subject at his or her present "learning level or skill," not where someone else says or hopes the student should be. This is usually accomplished through diagnostic testing.

Integrated Subject Material: We believe all subject material should be integrated to help a student see that life is not compartmentalized. Mathematical skills are necessary in science, scientific research is rich in historical data, and language arts is valuable in communicating God's Word, history, and science. In LIFEPAC, God's truth is integrated in the subjects of Bible, history and geography, language arts, math, and science.

Personalized Instruction: We believe that a student excels in learning when the teacher is involved. Our curriculum is not a self-study course. The questions and content demand personal instruction and input. It is the teacher's responsibility and blessing to personally instruct students.

LIFEPAC® Curriculum

Time-tested: Since 1977, AOP® has provided high-quality Christian curriculum to families and Christian schools worldwide. The award-winning LIFEPAC curriculum teaches students in grades K-12 the subjects of Bible, history and geography, language arts, math, and science, as well as a variety of electives.

Flexible: Each LIFEPAC subject is divided into small worktext units that build confidence and provide a satisfying sense of accomplishment upon completion. Students work independently to master material before advancing to new concepts.

Teacher-friendly: Integrated lesson plans free parents to tutor, grade, and encourage students without having to create the educational design. Each course also comes with teacher support materials, including practical tips, suggested activities, and answer keys.

Economical: To assist with correct placement, LIFEPAC placement tests are available for all five main subjects. Specific LIFEPACs are recommended for remediation in areas where learning gaps are indicated.



Kindergarten

Getting Ready to Read (Grade K)

- Alphabet: saying the alphabet
- Colors: recognizing colors
- Direction: left to right
- Following directions: oral and
- Grammar: forming simple sentences
- Listening: developing listening skills
- Personal recognition: reading/ writing first name, knowing age/ address, recognizing names of family members
- Phonics: short vowels (a, e, i), initial consonants (b, t, m r, s, n, d, p, I), forming/reading simple words, forming rhyming words
- Shapes: circle/square/triangle/ rectangle, recognizing shapes in objects
- Stories and poems: creating simple stories/poems Writing: forming circles/lines, Aa,
- Bb, Dd, Ee, Ii, Ll, Mm, Nn, Pp, Rr,

- Grammar: capital letters, periods
- Patterns: simple shape/color patterns
- Personal recognition: reading/ writing first and last name
- Phonics: short vowels (a, e, i, o, u), initial consonants (k, c, f, h, g, j, v, w, y, z, qu, x), reading simple sentences
- · Position/direction: in/out, in front of/behind, up/down, on/off, open/ closed, over/under
- · Sequencing: alphabetical order, simple story
- Shapes: oval
- Size: big/little, large/small
- Writing: Kk, Cc, Ff, Hh, Oo, Gg, Jj, Qq, Uu, Vv, Ww, Xx, Yy, Zz

- · Phonics: recognizing all short vowel/initial consonant sounds, long vowels (a, e, i, o, u), silent e, initial consonant digraphs (sh, ch, soft/hard th), final consonant sounds (_b, _ck, _k, _l)
- Word recognition: color/number/ shape words
- Writing: name, alphabet, capital/ lowercase letters, all color words. number words (one, two, three, four, five, six), shape words (circle, square, triangle)

- Phonics: recognizing long vowel/ final consonant sounds, initial consonant digraphs (wh, ch, sh, th)
- Stories and poems: creating/telling/ reciting stories/poems
- Word recognition: position/direction words, number words, shape words
- · Writing: number words (seven, eight, nine, ten), shape words (rectangle, oval, star), position/ direction words (up/down, high/ low, in/inside, out/outside, top/

Getting Ready for Math (Grade K)

Lessons 1-40

- · Directions: right, left, high, low,
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 9
- Ordinal numbers to 9th
- · Colors: red, blue, green, yellow, brown, purple
- · Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solvina

Lessons 41-80

- · Directions: right, left, high, low,
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 12
- Ordinal numbers to 9th
- · Colors: orange
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving
- Number words to nine
- Addition to 9

Lessons 81-120

- · Directions: right, left, high, low,
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 19
- Ordinal numbers to 9th
- · Colors: black, white
- Shapes: circle, square, rectangle, triangle
- Number order
- · Before and after
- Problem solving
- Number words to nine
- Addition: multiples of 10
- Subtraction to 9
- Place value
- Time/calendar

Lessons 121-160

- · Directions: right, left, high, low,
- Comparisons: big, little, alike, different
- Matching
- Cardinal numbers to 100
- Ordinal numbers to 9th
- Colors: pink
- Shapes: circle, square, rectangle, triangle
- Number order
- Before and after
- Problem solving
- Number words to nine
- Addition to 10 and multiples of 10
- Subtraction to 10
- Place value
- Time/calendar
- Money
- Skip counting: 2s, 5s, 10s
- Greater/less than

Bible

	God and You (Grade 1)	Bible Heroes (Grade 2)	God's Word, Jesus, and You (Grade 3)
Unit 1	GOD CREATED ALL THINGS God created day and night God created land and sea God created plants and animals God created people	WHO AM I? • God made us • God loves me • God helps me • God helped Daniel	LIVING FOR GOD • I love and obey God • I praise God • I worship God • I serve God
Unit 2	GOD LOVES HIS CHILDREN • God cared for Shadrach, Meshach, and Abednego • God cared for Joash and Esther • God cares for his children • God's children love Him	THE STORY OF MOSES The early life of Moses Life in Midian Moses returns to Egypt Life in the desert	THE LIFE OF JESUS CHRIST Mary and Joseph Jesus in the Temple Jesus teaches and saves Jesus dies and lives again
Unit 3	WE CAN PRAY • We can ask and thank God • We can pray God's special prayer • God listens to us • We listen to God	GOD AND YOU God is great God keeps his promises You should obey God God rewards his people	GOD'S PLAN FOR JOSEPH The dream of Joseph Joseph and his brothers Joseph in Egypt God watched over Joseph
Unit 4	GOD WANTS YOU TO BE GOOD • Jesus says to love God • God says to love others • You show your love • God says to love yourself	HOWTHE BIBLE CAME TO US • Moses and the Prophets • David and Solomon • The Apostles and Paul • Bible translators	YOU CAN USE THE BIBLE The books of the Bible How to read and study the Bible How to find verses How to memorize verses
Unit 5	OLD TESTAMENT STORIES • Joseph, Elijah, Jonathan, and David • Miriam and Deborah • A rich woman and her son • Ishmael and Mephibosheth	DAVID'S SLING David with the sheep David and the prophet David and Saul David and the giant	GOD TAKES CARE OF HIS PEOPLE God loves people God guides people God protects people God blesses people
Unit 6	GOD'S PROMISE • God's Old Testament promises • God's promises kept • The birth of the Promised One • The life of the Promised One	GOD IS EVERYWHERE • Understanding the beginning • Understanding God • The Creation • God's will	THE BIBLE IS GOD'S WORD The writers of God's Word God's Word is preserved God's Word changes lives Promises of God's Word
Unit 7	JESUS, OUR SAVIOR • Jesus taught people • Jesus healed people • Jesus saves people • Jesus will come again	THE STORY OF JOSEPH • Joseph as a boy at home • The worship of Joseph • Joseph in Egypt • Joseph and the famine	ARCHAEOLOGY AND THE BIBLE The search for treasure Clues from old stories Explaining the puzzles Joining the search
Unit 8	GOD CALLS MISSIONARIES • The woman at the well • Stephen and Paul • Missionaries today • God calls missionaries	GOD AND THE FAMILY The first family Abraham's family Happy families God's promise to children	GOD GAVE US THE NEED FOR FRIENDS • We need love • We need friendship • God commands our love • Love for others
Unit 9	NEW TESTAMENT STORIES • Lazarus, Thomas, and Stephen • Mary, Anna, and Lydia • Children in the New Testament • Jesus and the children	GOD MADE THE NATIONS The people of Babel God's judgment at Babel The new nation Our big world	GOD'S PEOPLE HELP OTHERS • All people are created by God • God loves me • God loves others • God is my Father
Unit 10	GOD GAVE YOU MANY GIFTS • God created all things • God loves his children • God gave us his Word • God gave us his Son	GOD, HIS WORD, AND YOU God as our Father The Word of God Life with God Belonging to God	GOD'S WORD, JESUS, AND YOU God speaks to man Writers of the Word Jesus and the Word God's family

Living for God (Grade 4)	What You Believe (Grade 5)	Creation to Revelation (Grade 6)	
HOW CAN I LIVE FOR GOD? Peter found Jesus Peter fished for men To be born into God's family To be fruitful through the Spirit	HOW OTHERS LIVED FOR GOD Fellow laborers with God Abraham, a man of faith Servants of God Co-workers with God	FROM CREATION TO MOSES Creation The Flood Abraham and his descendants Moses and the Law	Unit 1
GOD'S KNOWLEDGE • Knowledge to create • Learning God's knowledge • The benefits of God's knowledge • Using God's knowledge	ANGELS Characteristics of angels Kinds of angels The ministry of angels Angels in the life of Jesus	FROM JOSHUA TO SAMUEL Conquest and division of the land The death of Joshua The judges of Israel Ruth, Naomi, and Boaz	Unit 2
SAUL BEGINS TO LIVE FOR GOD Saul persecutes the Christians God changes Saul Saul preaches about Jesus Paul belongs to Christ	THE PRESENCE OF GOD • Everywhere as God • Everywhere as a person • In the lives of people • In my life	THE KINGDOM OF ISRAEL • Samuel and Saul • The reign of David • The reign of Solomon • The books of poetry	∪nit 3
THE BIBLE AND ME Reading and learning the Bible Thinking about the Bible Memorizing the Bible Living the Bible way	BIBLE METHODS AND STRUCTURE One book with many parts Books of history Books of poetry and prophecy Books of the New Testament	THE DIVIDED KINGDOM • From Jeroboam to Captivity • Prophets of Judah and Israel • From Hezekiah to Captivity • Prophets of the remaining kingdom	Unit 4
GOD CARES FOR US The twenty-third psalm Jesus and the sheep David as a shepherd Daniel as a helper	THE CHRISTIAN IN THE WORLD Instruction and correction Learning correct behavior Relationships at school Relationships in the world	CAPTIVITY AND RESTORATION The prophets of the Captivity The returns from exile The prophets of the restoration Creation to restoration	Unit 5
HOW CAN I KNOW GOD EXISTS? God's plan for the Jews A Jewish Savior Man searches for God Man needs God	PROVING WHAT WE BELIEVE The Bible is God's Word Evidence from the Bible Evidence from history and science Knowing that Christ arose	THE LIFE OF JESUS • Birth and background • The first years of ministry • The latter years of ministry • The death and resurrection	Unit 6
GEOGRAPHY OF THE OLD TESTAMENT Bible geography Description of the land Abram's nomadic life Abraham's descendants	MISSIONARY JOURNEYS OF PAUL • Paul's background • Paul's missionary journeys • The Jerusalem Council • Paul's last years	THE FOLLOWERS OF JESUS The disciples of Jesus The friends of Jesus Miracles of Jesus The message of Jesus	Unit 7
GOD-GIVEN WORTH • Who am I? • God is my Creator • God is my Father • Knowing God's love	GOD CREATED MAN FOR ETERNITY • Preparing for eternity • Christ is our Judge • The judgment of the Christian • The judgment of the unsaved	THE APOSTLE PAUL Paul's background and conversion Paul's missionary journeys Paul's letters to churches Paul's letters to people	Unit 8
WITNESSING FOR JESUS Loving God and others Following Jesus Knowing who Jesus is Following Paul's example	AUTHORITY AND LAW • God is the source of law • The model of law • The authority of the family • Our authority of government	HEBREWS AND GENERAL EPISTLES • The book of Hebrews • James and 1st and 2nd Peter • The three Johns • The book of Jude	Unit 9
GOD'S WAY IS PERFECT • Seeking knowledge • Science and geography • Living God's way • Loving God's way	ANGELS, THE BIBLE, AND LIVING FOR GOD • Presence of God and angels • Understanding the Bible • Areas of service • The order of authority	REVELATION AND REVIEW The Lord Jesus in Revelation End-time events Old Testament review New Testament review	Unit 10

Bible

	The Life of Christ	Practical Christianity and	New Testament Survey
	(Grade 7)	Church History (Grade 8)	(Grade 9)
Unit 1	WORSHIP The nature of worship Old Testament worship New Testament worship True worship	PRAYER Organization of the Lord's Prayer Purpose of the Lord's Prayer History of prayer Practical uses of prayer	THE NEW TESTAMENT Inter-Testamental period Pharisees and Sadducees New Testament themes New Testament events
Unit 2	MANKIND • The origin of man • The fall of man • The re-creation of man • The mission of man	SIN AND SALVATION The nature of sin The need for salvation How to receive salvation The results of salvation	THE GOSPELS Matthew Mark Luke John
Unit 3	THE ATTRIBUTES OF GOD • God's nature of love • God's expression of love • The mercy of God • The grace of God	ATTRIBUTES OF GOD • God's justice • God's immutability • God's eternal nature • God's love	THE ACTS OF THE APOSTLES The writer The purpose Pentecost Missions
Unit 4	FULFILLED PROPHECIES OF CHRIST • Method of the First Advent • Purpose of the First Advent • Offices of the Messiah foretold • Offices of the Messiah fulfilled	EARLY CHURCH LEADERS The early church The church of the Middle Ages The Renaissance The Reformation	THE PAULINE EPISTLES Paul as a person The early epistles Prison epistles The later epistles
Unit 5	NEW LIFE IN CHRIST • Life before and after Christ • Growing in Christ • Life in the Spirit • The life of grace	EARLY CHURCH HISTORY The Roman Empire The background of the Jews The ministry of Jesus The Jerusalem church	GENERAL EPISTLES James First and Second Peter First, Second, and Third John Hebrews and Jude
Unit 6	THE PSALMS • The history of the Psalms • Types and uses of the Psalms • Hebrew poetry • Study of Psalm 100	THE EARLY CHURCHES The church at Antioch The missionary journeys The Jerusalem Conference New Testament churches	THE REVELATION OF JESUS CHRIST The seven churches The seven seals and trumpets The seven signs and plagues The seven judgments and wonders
Unit 7	THE LIFE OF CHRIST: PART 1 Early life of Christ Beginning of Christ's ministry The early Judean ministry The early Galilean ministry	THE BOOK OF PROVERBS • Literary forms and outline • Objectives and purposes • Influence on the New Testament • Key themes	BIBLICAL LITERATURE: JOB AND SUFFERING The scenes of Job Attitudes toward suffering Christ's suffering on Earth The victory of Christ's suffering
Unit 8	THE LIFE OF CHRIST: PART 2 • The public ministry in Galilee • The private ministry in Galilee • The Judean ministry • The Perean ministry	TODAY'S PROBLEMS • Guidance for behavior • Characteristics of friendship • Studying effectively • Finding God's will	HOWTO SHARE CHRIST • Personal evangelism • Outreach to others • Personal and family missions • Assisting a missionary
Unit 9	THE LIFE OF CHRIST: PART 3 • Jesus's final ministry • Jesus's sufferings and crucifixion • Jesus's resurrection and ascension	UNDERSTANDING PARENTS • Human parents • Biblical parents • Children's responsibility • Parents and children as a team	GOD'S WILL FOR MY LIFE The desire of the heart The Word and work of God The importance of goals The use of talents
Unit 10	GOD'S PLAN IN CHRIST • God and his plan • Man's history • Jesus Christ fulfills God's plan • Man's response to God	WALKING WITH GOD Prayer and salvation The attributes of God The early church leaders Christian living	THE WALK WITH CHRIST Background of the New Testament The Epistles and Revelation The importance of suffering God's will for my life

Old Testament Survey (Grade 10)	Bible Doctrine (Grade 11)	Christian Faith and Living (Grade 12)	
CREATION TO ABRAHAM The six days of creation The fall of man Noah and his descendants Nations of the earth	THE FAITHFULNESS OF GOD • Affirmation of God's faithfulness • Nature of God's faithfulness • Manifestations of God's faithfulness • Implications of God's faithfulness	KNOWING YOURSELF • Your creation by God • Interacting with others • A child and servant of God • Your personal skills	Unit 1
ABRAHAM TO MOSES • Abraham's call and promise • The covenant with Isaac • The life of Jacob • Joseph and his family	ROMANS: PART 1 The Roman Empire and church The book of Romans Paul's message to the Romans Sin and salvation in Romans	CHRISTIAN MINISTRIES Christian ministry defined Church related ministries Other ministries A ministry as a career	Unit 2
EXODUS AND WANDERINGS The journey to Sinai The giving of the Law Numbering the people The book of Deuteronomy	ROMANS: PART 2 The chosen of God Service and submission From sin to salvation The victory of salvation	CHOOSING A MINISTRY • Where to look for a ministry • What to look for in a ministry • How to look for a ministry • Choosing a ministry for a career	Unit 3
ISRAEL IN CANAAN Preparing for battle The fight for the land Dividing the land The death of Joshua	THE DOCTRINE OF JESUS CHRIST Identity and incarnation of Christ The individuality of Christ Christ's work on the cross Christ's work after the cross	THE TRINITY Old Testament view New Testament view Historical perspectives Faith and man's relationship	Unit 4
THE JUDGES AND SPIRITUAL DECLINE Background of Judges History of Judges Examples of spiritual decay Ruth and redemption	THE NATION OF ISRAEL The covenant with Abraham Israel as a nation Old Testament archaeology New Testament archaeology	ATTRIBUTES OF GOD The holiness of God The goodness of God Holiness and the believer Goodness and the Creation	Unit 5
THE KINGDOM Samuel and Saul David Solomon Hebrew poetry	THE HISTORY OF THE CANON Revelation and inspiration Illumination and interpretation Authority of the Bible Formation of the Bible	THE EPISTLES OF JAMES AND JOHN James, the man The message of James John, the man The message of John's epistles	Unit 6
THE DIVIDED KINGDOM • Jeroboam to Ahab • Ahab to Jehu • Jehu to Assyrian Captivity • Prophets of the period	FRIENDSHIP, DATING, AND MARRIAGE • Meaning and role of friendship • Perspectives of dating • Principles of relationships • The structure of marriage	DANIEL A man of conviction An interpreter of dreams A watchman in prayer A man of visions	Unit 7
THE REMAINING KINGDOM The time of Hezekiah Manasseh to Josiah Jehoahaz to the exile Prophets of the period	THE PURSUIT OF HAPPINESS Solomon's succession Solomon's prosperity Solomon's fall Solomon's reflections	COMPARATIVE RELIGIONS • Elements of Christianity • The validity of Christian faith • World religions • The occult	Unit 8
THE CAPTIVITY Prophets of the period Jeremiah Ezekiel Daniel	ANSWERS TO AGNOSTIC QUESTIONS Integrity of the Bible Doctrines of the Bible Interpretation of the Bible Application of the Bible	WISDOM • Life and character of David • Life and riches of Solomon • Psalms and Proverbs • The Bible and literature	Unit 9
THE RESTORATION • First return from exile • The Jews preserved • Second return from exile • Haggai, Zechariah, and Malachi	GOD, HIS WORD, AND THE CHRISTIAN The uniqueness of the Bible History of Israel God revealed in the Bible Principles for living	THE CHRISTIAN Christian fundamentals Growing in Christian maturity A ministry for Christ A testimony for Christ	Unit 10

History & Geography

	Your World (Grade 1)	U.S. History (Grade 2)	U.S. Geography and History (Grade 3)
Unit 1	I AM A SPECIAL PERSON God made me You are God's child All about you Using proper manners	EARLY TIMES Remembering last year Learning about early times The trail of the Native Americans Symbols and historic places	U.S. GEOGRAPHY AND HISTORY STUDY SKILLS • Map skills • Resources • Community
Unit 2	LET'S COMMUNICATE • Sounds people make • Sounds that communicate • Communicating without sound • Communicating with God	SETTLING THE NEW WORLD The first settlers Colonies of the new world War for Independence Symbols and historical places	NEW ENGLAND STATES • ME, NH, VT, MA, RI, and CT • New England geography • New England resources • New England community
Unit 3	I HAVE FEELINGS I feel sad I feel afraid I feel happy I have other feelings	A NEW GOVERNMENT FOR A NEW COUNTRY • A study of government • Creating a government • Our government • Symbols and historical places	MID-ATLANTIC STATES NY, PA, NJ, DE, MD, and DC Mid-Atlantic geography Mid-Atlantic resources Mid-Atlantic community
Unit 4	I LIVE IN A FAMILY • My mother and father • My brothers and sisters • My grandparents • What my family does	GOVERNMENT UNDER THE CONSTITUTION • Article One – legislative branch • Article Two – executive branch • Article Three – judicial branch • Bill of Rights • Symbols and historical places	SOUTHERN-ATLANTIC STATES • WV, VA, NC, SC, GA, and FL • Southern Atlantic geography • Southern Atlantic resources • Southern Atlantic community
Unit 5	YOU BELONG TO FAMILIES • Getting ready in the morning • Walking to school • The school family • The church family	OUR GOVERNMENT CLOSE TO HOME Our state governments Our local governments Citizens of the United States Symbols and historical places	SOUTHERN STATES KY, TN, MS, LA, AL, OK, TX, and AR Southern geography Southern resources Southern community
Unit 6	PLACES PEOPLE LIVE • Life on the farm • Life in the city • Life by the sea	WESTWARD – FROM THE ORIGINAL COLONIES • The United States grows • The Lewis and Clark Expedition • The Old Southwest • Symbols and historical places	GREAT LAKES STATES OH, IN, IL, MI, WI, and MN Great Lakes geography Great Lakes resources Great Lakes community
Unit 7	COMMUNITY HELPERS • Firefighters and police officers • Doctors • City workers • Teachers and ministers	SETTLING THE FRONTIER The Texas frontier Westward expansion Meet America's pioneers Symbols and historical places	MIDWESTERN STATES ND, SD, NE, KS, MO, and IA Midwestern geography Midwestern resources Midwestern community
Unit 8	I LOVE MY COUNTRY • America discovered • The Pilgrims • The United States begins • Respect for your country	EXPLORING AMERICA WITH MAPS Directions on a map Reading roads and symbols Natural features Symbols and historical places	MOUNTAIN STATES MT, ID, WY, NV, UT, CO, AZ, and NM Mountain geography Mountain resources Mountain community
Unit 9	I LIVE IN THE WORLD The globe Countries Friends in Mexico Friends in Japan	PAST, PRESENT, AND FUTURE MAPS City maps Building maps History of maps Symbols and historical places	PACIFIC STATES • WA, OR, CA, AK, and HI • Pacific geography • Pacific resources • Pacific community
Unit 10	THE WORLD AND YOU • You are special • Your family • Your school and church • Your world	REVIEW UNITED STATES HISTORY • The United States begins • Creating a government • Mapping the United States	U.S. GEOGRAPHY AND HISTORY REVIEW • U.S. geographical features • Eastern U.S. review • Western U.S. review

World Geography and Culture (Grade 4)

U.S. History (Grade 5)

Civilizations (Grade 6)

OUR EARTH • The surface of the earth • Early explorations of the earth • Exploring from space • Exploring the oceans	A NEW WORLD • Exploration of America • The first colonies • Conflict with Britain • Birth of the United States	WORLD GEOGRAPHY • Latitude and longitude • Western and eastern hemispheres • The southern hemisphere • Political and cultural regions	Unit 1
SEAPORT CITIES • Sydney • Hong Kong • Istanbul • London	A NEW NATION • War for Independence • Life in America • A new form of government • The nation's early years	THE CRADLE OF CIVILIZATION • Mesopotamia • The land of Israel • The nation of Israel • Egypt	Unit 2
DESERT LANDS • What is a desert? • Where are the deserts? • How do people live in the desert?	A TIME OF TESTING • Louisiana Purchase • War of 1812 • Sectionalism • Improvements in trade and travel	THE CIVILIZATIONS OF GREECE AND ROME • Geography of the region • Beginning civilizations • Contributions to other civilizations • The influence of Christianity	Unit 3
GRASSLANDS Grasslands of the world Ukraine Kenya Argentina	A GROWING NATION • Andrew Jackson's influence • Texas and Oregon • Mexican War • The nation divides	LIFE IN THE MIDDLE AGES The feudal system Books and schools The Crusades Trade and architecture	Unit 4
TROPICAL RAINFORESTS • Facts about rainforests • Rainforests of the world • The Amazon rainforest • The Congo rainforest	A DIVIDED NATION Civil War Reconstruction Gilded Age The need for reform	SIX SOUTH AMERICAN COUNTRIES • Brazil • Colombia • Venezuela • Three Guianas	Unit 5
THE POLAR REGIONS The polar regions: coldest places in the world The Arctic polar region The Antarctic polar region	A CHANGING NATION Progressive reforms Spanish-American War World War I Roaring Twenties	OTHER SOUTH AMERICAN COUNTRIES • Ecuador and Peru • Bolivia and Uruguay • Paraguay and Argentina • Chile	Unit 6
MOUNTAIN COUNTRIES Peru — the Andes The Incas and modern Peru Nepal — the Himalayas Switzerland — the Alps	DEPRESSION AND WAR The Great Depression War begins in Europe War in Europe War in the Pacific	AFRICA • Geography and cultures • Countries of northern Africa • Countries of central Africa • Countries of southern Africa	Unit 7
ISLAND COUNTRIES Islands of the earth Cuba Iceland Japan	COLD WAR • Korean War and other crises • Vietnam War • Civil Rights movement • Upheaval in America	MODERN WESTERN EUROPE The Renaissance The Industrial Revolution World War I World War II	Unit 8
NORTH AMERICA • Geography • Lands, lakes, and rivers • Northern countries • Southern countries	INTO THE NEW MILLENNIUM • Watergate and détente • The fall of communism • The Persian Gulf • Issues of the new millennium	MODERN EASTERN EUROPE • Early government • Early churches • Early countries • Modern countries	Unit 9
OUR WORLD IN REVIEW • Europe and the explorers • Asia and Africa • Southern continents • North America and the North Pole	THE UNITED STATES OF AMERICA • Beginning America until 1830 • Stronger America 1830-1930 • Modern America 1930-2020	DEVELOPMENT OF OUR WORLD Cradle of civilization The Middle Ages Modern Europe South America and Africa	Unit 10

History & Geography

Anthropology,
Sociology, Economics, and
State History (Grade 7)

U.S. History (Grade 8) Civics and World Geography (Grade 9)

Unit 1	WHAT IS HISTORY? • Definition and significance of history • Historians and the historical method • Views of history	EUROPE COMES TO AMERICA • Voyages of Columbus • Spanish exploration • Other exploration • The first colonies	HERITAGE OF THE UNITED STATES • American colonies • Acquisitions and annexations • Backgrounds to freedom • Backgrounds to society
Unit 2	WHAT IS GEOGRAPHY? • Classes of geography • Geography and relief of the earth • Maps and the study of our world • Time zones	BRITISH AMERICA • English colonies • Government • Lifestyle • Wars with France	OUR NATIONAL GOVERNMENT Ideals of national government National government developed Legislative and executive branches Judicial branch
Unit 3	U.S. HISTORY AND GEOGRAPHY • Geography of the United States • Early history of the United States • Physical regions of the United States • Cultural regions of the United States	THE AMERICAN REVOLUTION British control Rebellion of the colonies War for independence Constitution	STATE AND LOCAL GOVERNMENT • Powers of state government • County government • Township government • City government
Unit 4	ANTHROPOLOGY • Understanding anthropology • The unity of people • The diversity of people • The culture of people groups	A FIRM FOUNDATION • Washington's presidency • Adams' administration • Jeffersonian Democracy • War of 1812	PLANNING A CAREER • Definition of a career • God's will concerning a career • Selecting a career • Preparation for a career
Unit 5	SOCIOLOGY—PEOPLE IN GROUPS Sociology defined Historical development Importance to Christians Method of sociology	A GROWING NATION • Jacksonian Era • Northern border • Southern border • Industrial Revolution	CITIZENSHIP
Unit 6	U.S. ANTHROPOLOGY AND SOCIOLOGY Cultural background of the United States Native American cultures Cultures from distant lands Cultural and social interaction	THE CIVIL WAR • Division and secession • Civil War • Death of Lincoln • Reconstruction	THE EARTH AND MAN • Man inhabits the earth • Man's home on the earth • Man develops the earth • The future of the earth
Unit 7	ECONOMICS—RESOURCES AND NEED • Economics defined • Methods of the economist • Tools of the economist • An experiment in economy	GILDED AGE TO PROGRESSIVE ERA Rise of industry Wild West America as a world power Progressive era	REGIONS OF THE WORLD • A region defined • Geographic and climate regions • Cultural and political regions • Economic regions of Europe
Unit 8	POLITICAL SCIENCE Definition of political science Roots of Western thought Modern political thinkers Political theory	A WORLD IN CONFLICT • World War I • Great Depression • New Deal • World War II	MAN AND HIS ENVIRONMENT The physical environment Drug abuse The social environment Man's responsibilities
Unit 9	STATE ECONOMICS AND POLITICS Background of state government State government State finance State politics	COLD WAR AMERICA Origins of the Cold War Vietnam Truman to Nixon Ending of the Cold War	TOOLS OF THE GEOGRAPHER • The globe • Types of maps • Reading maps • The earth in symbol form
Unit 10	SOCIAL SCIENCES REVIEW • History and geography • Anthropology • Sociology • Economics and politics	RECENT AMERICA AND REVIEW • Europe to independence • Colonies to the Civil War • Civil War to World War II • World War II to 2020	MAN IN A CHANGING WORLD • Development of the nation • Development of government • Development of the earth • Solving problems

World History (Grade 10)

American History (Grade 11)

Government and Economics (Grade 12)

ANCIENT CIVILIZATIONS 1 Origin of civilization Early Egypt Assyria and Babylonia Persian civilization	FOUNDATION OF THE REPUBLIC Democracy develops Virginia New England colonies Middle and southern colonies	INTRODUCTION TO GOVERNMENTS Why have governments? Types of governments Governments in our world Political thinkers	Unit 1
ANCIENT CIVILIZATIONS 2 India China Greek civilization Roman Empire	DEVELOPMENT OF CONSTITUTIONAL GOV'T Relations with England The Revolutionary War Articles of Confederation Constitution of the United States	UNITED STATES GOVERNMENT U.S. Constitution Bill of Rights Three branches of government Legislative process	Unit 2
THE MEDIEVAL WORLD • Early Middle Ages • Middle Ages in transition • High Middle Ages	NATIONAL EXPANSION • A strong federal government • Revolution of 1800 • War of 1812 • Nationalism and sectionalism	AMERICAN PARTY SYSTEM • American party system • Development of political parties • Functions of political parties • Voting	Unit 3
RENAISSANCE AND REFORMATION Changes in government and art Changes in literature and thought Advances in science Reform within the church	A NATION DIVIDED Issues of division Division of land and people Economics of slavery Politics of slavery	HISTORY OF GOVERNMENTS Primitive governments Beginnings of democracy Feudalism, theocracy, and democracy Fascism and Nazism	Unit 4
GROWTH OF WORLD EMPIRES England and France Portugal and Spain Austria and Germany Italy and the Ottoman Empire	A NATION DIVIDED AND UNITED Regionalism The division The Civil War Reconstruction	THE CHRISTIAN AND GOVERNMENT Discrimination and the Christian Christian attitudes Public opinion and truth in politics Politics and propaganda	Unit 5
THE AGE OF REVOLUTION Factors leading to revolution The English Revolution The American Revolution The French Revolution	U.S. INVOLVEMENT AT HOME AND ABROAD Surge of industry The industrial lifestyle Isolationism Involvement in conflict	FREE ENTERPRISE • Economics • Competition • Money through history • International finance and currency	Unit 6
THE INDUSTRIAL REVOLUTION Sparks of preparation Industrial Revolution in England Industrial Revolution in America Social changes of the revolution	THE SEARCH FOR PEACE • World War I and its aftermath • The Golden Twenties • The Great Depression • The New Deal	BUSINESS AND YOU Running a business Government and business Banks and mergers Deregulation and bankruptcy	Unit 7
TWO WORLD WARS • Mounting tension • World War I • Peace and power quests • World War II	A NATION AT WAR Causes of the war World War II Korean conflict Vietnam conflict	THE STOCK MARKET • How it started and works • Selecting stocks • Types of stocks • Tracking stocks	Unit 8
THE 20TH CENTURY AFTER 1945 The Cold War Korean War and Vietnam War Collapse of the Soviet Union The 20th century closes	CONTEMPORARY AMERICA • America from 1960 to 2000 • International scene from 1960 to 2000 • America after 2000 • International scene after 2000	BUDGET AND FINANCE Cash, credit, and checking Buying a car Grants, loans, and IRAs Savings, debit cards, and global currency	Unit 9
ANCIENT TIMES TO THE 21ST CENTURY • Ancient civilizations • Medieval times • Renaissance and Reformation • Revolutions and globalization	UNITED STATES HISTORY Basis of democracy The 1800s Industrialization Current history	GEOGRAPHY • Euro and International finance • U.S. geography • The global traveler • Neighbors, heroes, and the Holy Land	Unit 10

Language Arts

	Alphabet Sounds	The Parts of Speech	Reading Skills
	(Grade 1)	(Grade 2)	(Grade 3)
Unit 1	ALPHABET AND SHORT VOWEL SOUNDS • Short vowel sounds • Consonants • Main ideas • Rhyming words	KNOW YOUR NOUNS Review vowels and consonants Beginning, middle, and ending sounds Singular and plural nouns Common and proper nouns	OLD AND NEW SKILLS • Vowels and consonants • Sentence phrases • Capital letters • Reading skills
Unit 2	RHYMING WORDS, ADDING "ING" • Kinds of sentences • Cardinal and ordinal numbers • Suffixes and plurals • Classifying	ACTION VERBS • Vowel digraphs • Action words - verbs • Following directions • The dictionary • ABC order	BUILDING WORDS AND SENTENCES Long and short vowels Questions ABC order Capital letters
Unit 3	CONSONANT DIGRAPHS, SOFT C AND G • Consonant digraphs • Compounds and syllables • Possessives and contractions • Soft c and g	SIMPLE SENTENCES R-controlled vowels Consonant blends Using capital letters Subjects and verbs in sentences	WORDS: GETTING TO THE ROOTS • Root words • Dictionary guide words • Synonyms and antonyms • Capital letters
Unit 4	VERBS, BLENDS, AND SILENT LETTERS • Paragraphs • Silent letters • Sequencing • Subject-verb agreement	TYPES OF SENTENCES • Consonant digraphs • Statement, question, and exclamatory sentences • Using capital letters • The library	WORDS: HOW TO USE THEM Noun and verb Adjective and adverb Irregular vowels Composition
Unit 5	LONG VOWELS AND SYLLABLES Long vowels and homonyms Syllables, possessives, and contractions Plurals and suffixes Poetry	USING PUNCTUATION • Diphthongs • Punctuation review • Contractions • Rules for making words plural • Writing a biography	SENTENCE: START TO FINISH Main idea Capital letters and punctuation Paragraphs Making words plural
Unit 6	R-CONTROLLED VOWELS AND PLURALS R-controlled vowels Writing stories Pronouns Following directions	ADJECTIVES Rhyming words Biblical poetry Synonyms and antonyms Adjectives in sentences Comparative and superlative adjectives	ALL ABOUT BOOKS • Main idea • Books • Stories • Poems • Critical thinking
Unit 7	VOWEL DIGRAPHS AND SENTENCES • Vowel digraphs • Letters — business, friendly, invitations • Syllables	POSSESSIVE NOUNS Introduction to letter writing Pronunciation key Possessive nouns Silent consonants Homonyms	READING AND WRITING • For directions • Friendly letters • Pronouns • Fact and fiction
Unit 8	VOWEL DIGRAPHS AND POSSESSIVES • Vowel digraphs • Subject-verb agreement • Compounds and contractions • Possessives • Pronouns	PRONOUNS • Author's intent and use of titles • Predicting content • Character, setting, and plot • Analogies • Writing in cursive	READING SKILLS • For sequence • For detail • Being and compound verbs • Drama
Unit 9	DIPHTHONGS AND CONTRACTIONS • Vowel digraphs • Titles and main ideas • Sentences and paragraphs • Proper nouns	VERB TYPES AND TENSES Review action verbs Dividing words into syllables State of being verbs Past and present verb tenses	MORE READING AND WRITING • For information • Thank-you letters • Book reports • Reference books
Unit 10	PHONICS AND GRAMMAR REVIEW • Letters and sounds • Contractions • Plurals and possessives • Sentences • Stories	PARTS OF SPEECH AND WORD PARTS REVIEW Nouns and verbs Word division Consonant blends and digraphs Prefixes, suffixes, and root words Possessives, pronouns, and adjectives	READING AND WRITING SKILLS REVIEW Reading for comprehension Sentence punctuation Writing letters Parts of speech

Written Communication and Fiction (Grade 4)

Story Elements and Poetry Reading for a Purpose (Grade 5) (Grade 6)

(Grade 1)	(314463)	(31336 0)	
WRITTEN COMMUNICATION • Word derivations • Story sequence • Writing an outline • Writing a report	STORY MESSAGES • Main idea and plot • Character and setting • Dialogue • Diphthongs • Digraphs	READING FOR A PURPOSE Critical thinking Research data Parables Synonyms	Unit 1
SOUNDS TO WORDS • Hard and soft — c and g • Parts of a dictionary • Accented syllables • Haiku poetry	MAIN IDEAS • Poetry and stories • Synonyms • Topic sentences • Adjectives and nouns • Compounds	FORMING NEW WORDS • Prefixes and suffixes • Synonyms and antonyms • Adjectives and adverbs • Critical thinking	Unit 2
WORDS: HOW TO USE THEM • Prefixes and suffixes • Homonyms and antonyms • Poetry and stories • Writing an outline	WORDS TO STORIES • Subject and predicate • Adverbs • Critical thinking • Writing a short story • Idioms	BETTER READING • Story elements • Author's purpose • Information sources • Outline	Unit 3
MORE WORDS: HOW TO USE THEM • Parts of speech • Written directions • Verb tenses • Possessives	WRITTEN REPORT Outline Metaphor and simile Writing the report Types of sentences	SENTENCES Capitals and punctuation Author's purpose Propaganda Types of sentences	Unit 4
WRITING FOR CLARITY • Figures of speech • Capital letters • Punctuation marks • Writing stories	STORY ELEMENTS • Legend • Dialogue and quotations • Word order and usage • Story elements • Implied meaning	READING SKILLS • Following directions • Literary forms • Phrases, nouns, and verbs • Paragraph structure	Unit 5
FUN WITH FICTION • Book reports • Fiction and nonfiction • Parables and fables • Poetry	POETRY • Rhythm • Symbolism • Personification • Irregular plurals • Stanza	POETRY • Similes and metaphors • Alliteration and homonyms • Palindromes • Figures of speech • Acronyms	Unit 6
FACT AND FICTION Nouns and verbs Contractions Biography Tall tales Fables	WORD USAGE • Common, plural, and possessive nouns • Fact and opinion • Story and main idea	STORIES • Story elements • Nouns and pronouns • Vowel digraphs • Business letters	Unit 7
GRAMMAR AND WRITING • Adjectives to compare • Adverbs • Figurative language • Paragraphs	ALL ABOUT VERBS • Tense and action • Participles • Regular and irregular • Singular and plural	ANALYZING THE NEWS • Propaganda • News stories • Auxiliary verbs and verb tenses • Adverbs	Unit 8
THE WRITTEN REPORT • Planning a report • Finding information • Creating an outline • Writing a report	READING FLUENCY • Speed reading • Graphic aids • Study skills • Literary forms	READING THE BIBLE • Parables and proverbs • Hebrew poetry and prophecy • Bible history • Old Testament law	Unit 9
COMMUNICATION AND FICTION REVIEW Reading skills Nouns and adverbs Written communication Literary forms	STORY ELEMENTS AND POETRY REVIEW • Literary forms • Parts of speech • Writing skills • Study skills	AUTHOR'S PURPOSE REVIEW • Literary forms • Writing letters • Parts of speech • Punctuation	Unit 10

Language Arts

	(Grade 7)	(Grade 8)	(Grade 9)
	(Grade 7)	(Grade 6)	(Grade 9)
Unit 1	WORD USAGE • Proper and common nouns • Pronouns • Prefixes and suffixes • Synonyms and antonyms	IMPROVING COMMUNICATION • Roots and inflections • Affixes and interjections • Oral and written directions • Non-verbal communication	THE STRUCTURE OF LANGUAGE Nouns, adjectives, and prepositions Verbs, adverbs, and conjunctions Sentence parts Diagram sentences
Unit 2	MORE WORD USAGE • Speech: Stress and pitch • Verb tenses • Principle parts	ALL ABOUT ENGLISH Origin of language Classification of nouns, pronouns, verbs, adjectives, and adverbs	NATURE OF LANGUAGE Origin of language Using oral and written language Dictionary Writing a paper
Unit 3	BIOGRAPHIES • Biography as a form • Flashback technique • Deductive reasoning • Base and root words	PUNCTUATION AND LITERATURE • Connecting and interrupting • The essay • Thesis statement	PRACTICAL ENGLISH Dictionary use Mnemonics Writing a paper Five-minute speech
Unit 4	STRUCTURE OF LANGUAGE USAGE • Verb tenses • Principle parts • Sentence creativity • Speech: Pitch and accent	WORDS AND HOW TO USE THEM • Dictionary • Thesaurus • Accent and diacritical marks • Standard and nonstandard	READING WITH SKILL Plot and setting Characterization Conflict Symbolism
Unit 5	THE NATURE OF ENGLISH • Formal and informal • Redundant expressions • Verb tenses • Subject-verb agreement	CORRECT LANGUAGE USAGE • Using good form • Synonyms and antonyms • Homonyms • Good speaking qualities	LANGUAGE IN LITERATURE Collective nouns and verbs Use of comparisons Gerunds and participles Literary genres
Unit 6	THE MECHANICS OF ENGLISH • Punctuation • Complements and modifiers • Subordinate and coordinate clauses	LANGUAGE AND LITERATURE • History of English • Coordination and Subordination • Autobiography	STRUCTURE AND MEANING IN PROSE AND POETRY • Author's purpose and meaning • Meaning of structure • Factors of persuasion • Understanding poetry
Unit 7	THE HIDING PLACE: A STUDY GUIDE • Sequence of events • Facts about characters • Author's purpose • Character sketch	CRITICAL READING AND PARAGRAPH SKILLS Word evaluation The paragraph: Structure, coherence, introduction, and conclusion	COMMUNICATION Planning a speech Listening comprehension Business, informal, and social letters
Unit 8	LITERATURE • Nonfiction • Listening skills • Commas and semicolons • Nonverbal communication	WRITING, LISTENING, AND READING • Business letters • Personal letters • Four steps to listening • Nonfiction	THE LIBRARY AND DRAMA Library resources Drama: History, elements, and reading The Miracle Worker
Unit 9	COMPOSITIONS • Sentence types • Quality of paragraphs • Pronunciation • Nonsense literature	SPEAK AND WRITE • Etymology • Modifiers • Number and tense • Oral report	STUDIES IN THE NOVEL History and definition Critical essay Twenty Thousand Leagues Under the Sea
Unit 10	GRAMMAR AND NONFICTION REVIEW Parts of speech Sentence structure Punctuation How to communicate	LANGUAGE ELEMENTS IN REVIEW Composition structure Parts of speech Critical thinking Literary forms	COMMUNICATION AND LITERATURE REVIEW Communication: Writing, speaking, and listening Using resources Literature review Diagram sentences

Grammar and Nonfiction Speaking and Writing Skills English I

English II (Grade 10)

English III (Grade 11)

English IV (Grade 12)

THE DEVELOPMENT OF ENGLISH Historical development Varieties of English Standard English Changes in English	STANDARD ENGLISH • Need for standard English • Guardians of the standard • Dictionaries • Types of standard English texts	THE WORTH OF WORDS • Word categories • Expository writing • Sentence structure • Diction	Unit 1
LISTENING AND SPEAKING Noun plurals Suffixes Creating a speech Nature of listening	WRITING EFFECTIVE SENTENCES • Subordinate clauses and conjunctions • Relative pronouns • Verbals • Appositives	THE STRUCTURE OF LANGUAGE Parts of speech Sentence structure Subordinate phrases Subordinate clauses	Unit 2
WRITING EFFECTIVE SENTENCES • Participles and infinitives • Prepositions and gerunds • Simple, compound, and complex sentences • Diagram sentences	CLEAR CONNECTIONS: A WRITING WORKSHOP • Understanding pronouns • Using pronouns correctly • Using modifiers correctly • Parallel sentence structures	READ, RESEARCH, AND LISTEN Reading skills Resources for research Taking notes Drawing conclusions	Unit 3
THE POWER OF WORDS • Etymology • Poetic devices • Literal, figurative, and symbolic poetry • Connotations	WHY STUDY READING? • Greek and Latin roots • Diacritical markings • Finding the main idea • Analyzing a textbook	THE GIFT OF LANGUAGE • Biblical origin • Koine Greek • Purpose of grammar • Semantics	Unit 4
ELEMENTS OF COMPOSITION Paragraphs Connectives and transitions Elements and ideas of expository writing	POETRY • Metrical feet and sets • Musical effects • Universality • Imagery • Connotation	MEDIEVAL ENGLISH LITERATURE • Early England • Medieval England • Fourteenth century • Chaucer	Unit 5
STRUCTURE AND READING • Subordinate clauses • Pronouns: Gender, case, and agreement • Reading for recognition	NONFICTION • Elements • Essays, diaries, newspapers, and biographies • Composition	ELIZABETHAN LITERATURE • Poetry • Prose • Drama • Essay	Unit 6
ORAL READING AND DRAMA Skills of oral reading Drama: History, irony, elements, and allegory Everyman	AMERICAN DRAMA • Development and history • Structure • Purpose • Our Town	17TH AND 18TH CENTURY ENGLISH LITERATURE • Historical background • Puritan literature • Common sense and satire • Sensibility	Unit 7
THE SHORT STORY • Elements • Enjoying short stories • Writing • The literary critique	STUDIES IN THE AMERICAN NOVEL • Eighteenth, nineteenth, and twentieth century • The Old Man and the Sea • The critical essay	CREATIVE WRITING • Fundamentals • Inspiration • Technique and style • Form and process	Unit 8
THE NOVEL • Elements • In His Steps • The critical essay • The book review	RESEARCH • Using sources • Stating the thesis • Outline • Writing the paper	ROMANTIC AND VICTORIAN POETRY • Wordsworth and Coleridge • Gordon, Byron, and Shelley • Keats, Tennyson, and Hopkins • Robert and Elizabeth B. Browning	Unit 9
COMMUNICATION SKILLS AND FICTION REVIEW • Writing and speech skills • Poetry • Short stories and novels • Drama	REVIEWING COMMUNICATION SKILLS AND LITERATURE • Analyzing written word • Effective sentences • Expository prose • Genres of American literature	LANGUAGE AND ENGLISH LITERATURE REVIEW • Creative writing • English literature: Medieval to Victorian	Unit 10

Math

	Addition and Subtraction	Carrying and Borrowing	Multiplication
	(Grade 1)	(Grade 2)	(Grade 3)
Unit 1	NUMBER ORDER AND ADD/SUBTO 9 Number order and skip counting Add and subtract to 9 Story problems Measurements Shapes	NUMBERS AND WORDS TO 100 Numbers and words to 100 Operation symbols: +, —, =, >, < Add and subtract Place value and fact families Story problems	ADD/SUB TO 18 AND PLACE VALUE Digits and place value to 999 Add and subtract Linear measurements Operation symbols: +, —, =, >, < Time
Unit 2	ADD AND SUBTRACT TO 10 AND SHAPES • Add and subtract to 10 • Number words • Place value • Patterns, sequencing, and estimation • Shapes	ADD/SUBTRACT AND EVEN/ODD Numbers and words to 200 Add, subtract, even and odd Skip count 2s, 5s, and 10s Ordinal numbers, fractions, and money Shapes	CARRYING AND BORROWING Fact families, patterns, and fractions Add and subtract with carrying and borrowing Skip count by 2s, 5s, and 10s Money, shapes, and lines Even and odd
Unit 3	FRACTIONS, TIME, AND SYMBOLS Number sentences Fractions Story problems Time and the = symbol Oral directions	ADD WITH CARRYING TO THE 10'S PLACE • Add with carrying to the 10's place • Subtract • Flat shapes, money, and a.m./p.m. • Rounding to the 10's place • Standard measurements	FACTS OF ADD/SUB AND FRACTIONS Add 3 numbers with carrying Coins, weight, volume, and a.m./p.m. Fractions Skip count by 3s and subtract with borrowing Oral instructions
Unit 4	ADD TO 18, MONEY, AND MEASUREMENTS • Add to 18 • Skip count, even and odd • Money • Shapes and measurements • Place value	NUMBERS/WORDS TO 999 AND GRAPHS Numbers and words to 999 Addition, subtraction, and place value Calendar Measurements and solid shapes Making change	ROUNDING, ESTIMATING, AND STORY PROBLEMS Place value to 9,999 Rounding to the 10's and estimating Add and subtract fractions Roman numerals 1/4 inch
Unit 5	COLUMN ADDITION AND ESTIMATION • Add three 1-digit numbers • Ordinal numbers • Time and number lines • Estimation and charts • Fractions	ADD/SUBTRACT TO THE 100'S PLACE • Data and bar graphs and shapes • Add and subtract to the 100's place • Skip count 3s and place value to the 100's • Add fractions • Temperature	PLANE SHAPES AND SYMMETRY Number sentences Rounding to the 100's and estimating Perimeter and square inch Bar graphs, symmetry, and even/odd rules Temperature
Unit 6	NUMBER WORDS TO 99 Number words to 99 Add two 2-digit numbers Symbols: > and < Fractions Shapes	SUBTRACT WITH BORROWING FROM 10'S • Measurements • Time and money • Subtract with borrowing from the 10's place • Add and subtract fractions • Perimeter	MULTIPLICATION, LINES, AND ANGLES • Add and subtract to 9,999 • Multiples and multiplication facts for 2 • Area and equivalent fractions • Line graphs, segments, and angles • Money
Unit 7	COUNT TO 200 AND SUBTRACT TO 12 Number order and place value Subtract to 12 Operation signs Estimation and time Graphs	ADD WITH CARRYING TO THE 100'S PLACE • Add with carrying to the 100's place • Fractions as words • Number order in books • Rounding and estimating	ADD/SUB MIXED NUMBERS AND PROBABILITY • Multiplication facts for 5 and missing numbers • Add and subtract mixed numbers • Subtract with 0s in the minuend • Circle graphs • Probability
Unit 8	ADD AND SUBTRACT TO 18 • Add and subtract to 18 • Group counting • Fractions • Time and measurements • Shapes	VOLUME AND COIN CONVERSION • Addition, subtraction, and measurements • Group counting and "thinking" answers • Convert coins • Directions: north, south, east, and west • Length and width	MEASUREMENTS AND MULTIPLICATION Multiplication facts for 3 and 10, multiples of 4 Convert units of measurement Decimals and directions Picture graphs and missing addends Length and width
Unit 9	SENSIBLE ANSWERS • Fact families • Sensible answers • Subtract 2-digit numbers • Add three 2-digit numbers	AREA AND SQUARE MEASUREMENTS • Area and square measurement • Add three 2-digit numbers with carrying • Add coins and convert to cents • Fractions and quarter-inches	MULTIPLICATION, METRICS, AND PERIMETER • Add and subtract whole numbers, fractions, and mixed numbers • Standard measurements and metrics • Operation symbols • Multiplication facts for 4
Unit 10	ADDITION AND SUBTRACTION REVIEW • Addition, subtraction, and place value • Directions: north, south, east, and west • Fractions • Patterns	CARRYING AND BORROWING REVIEW Rules for even and odd numbers Round numbers to the 100's place Digital clocks and sensible answers Add three 3-digit numbers	PROBABILITY, UNITS OF MEASURE, AND SHAPES • Addition and subtraction • Rounding to the 1,000's place and estimating • Probability, equations, and parentheses • Perimeter and area • Multiplication facts for 2, 3, 4, 5, and 10

Introduction to

Numerical Literacy and Fractions, Decimals, and Introduction to Division Geometric Concepts Measurements (Grade 4) (Grade 5) (Grade 6) WHOLE NUMBERS AND FRACTIONS PLACE VALUE, ADDITION, AND SUBTRACTION WHOLE NUMBERS AND ALGEBRA Naming whole numbers · Whole numbers and their properties Place value Unit • Rounding and estimating Naming fractionsSequencing patterns Operations and number patterns Addition Algebra Numbers to 1,000 Subtraction MULTIPLYING WHOLE NUMBERS MULTIPLYING WHOLE NUMBERS AND DECIMALS DATA ANALYSIS • Collecting and describing data Operation symbols • Multiplying whole numbers Organizing data • Multiplication — 1-digit multipliers Powers Addition and subtraction of fractions Displaying and interpreting data · Multiplying decimals • Numbers to 10,000 SEQUENCING AND ROUNDING DIVIDING WHOLE NUMBERS AND DECIMALS **DECIMALS** • Multiplication with carrying One-digit divisors · Decimal numbers Unit 3 Multiplying and dividing decimal numbers Two-digit divisors Rounding and estimating Sequencing fractions Decimal division • The metric system Numbers to 100,000 LINES AND SHAPES ALGEBRA AND GRAPHING **FRACTIONS** Factors and fractionsThe LCM and fractions • Plane and solid shapes Expressions Unit 4 Lines and line segments Functions · Addition and subtraction Equations Decimals and fractions Multiplication with carrying Graphing **DIVISION AND MEASUREMENTS MEASUREMENT** FRACTION OPERATIONS Division — 1-digit divisorsFamilies of facts • The metric system • Adding and subtracting fractions Unit 5 • The customary system Multiplying and dividing fractions · Standard measurements • Time The customary system Temperature Number grouping DIVISION, FACTORS, AND FRACTIONS FACTORS AND FRACTIONS RATIO, PROPORTION, AND PERCENT • Division — 1-digit divisors with remainders • Ratios Unit 6 Factors and multiples · Equivalent fractions • Proportions • Improper and mixed fractions Fractions Percent · Equivalent fractions MULTIPLICATION AND FRACTIONS FRACTION OPERATIONS PROBABILITY AND GEOMETRY • Multiplication — 2-digit multipliers • Like denominators Probability Unit 7 Simplifying fractions • Unlike denominators • Geometry: Angles Averages · Multiplying fractions · Geometry: Polygons • Decimals in money problems Dividing fractions Equations WHOLE NUMBERS AND FRACTIONS DATA ANALYSIS AND PROBABILITY GEOMETRY AND MEASUREMENT • Division —1-digit divisors · Collecting data · Plane figures Unit 8 • Fractions and unlike denominators Solid figures Analyzing data • Metric units Displaying data • Whole numbers: +, --, x, ÷ Probability **DECIMALS AND FRACTIONS GEOMETRY** INTEGERS AND TRANSFORMATIONS · Reading and writing decimals · Geometry Integers Unit 9 Adding and subtracting mixed numbers Classifying plane figures Integer operations • Cross multiplication Classifying solid figures Transformations Estimation Transformations Symmetry

PERIMETER, AREA, AND VOLUME

• Perimeter

• Surface area

Area

Volume

ESTIMATION, CHARTS, AND GRAPHS

• Estimating and gathering data

• Review numbers to 100,000

• Whole numbers: +, --, x, ÷

Charts and graphs

Unit

EQUATIONS AND FUNCTIONS

• More equations and inequalities

Equations

Math

Integers, Ratios, and Basic Geometry

(Grade 7) (Grade 8) (Grade 9) THE REAL NUMBER SYSTEM VARIABLES AND NUMBERS **INTEGERS** • Adding and Subtracting Integers Relationships Variables Unit , Distributive propertyDefinition of signed numbers Multiplying and Dividing IntegersThe Real Number System • Other Forms Simplifying • Signed number operations **FRACTIONS** MODELING PROBLEMS IN INTEGERS SOLVING EQUATIONS Unit 2 • Working with Fractions • Equations with Real Numbers • Sentences and formulas Adding and Subtracting Fractions • Properties Multiplying and Dividing Fractions Integers Solving equations Modeling with Integers Solving inequalities MODELING PROBLEMS WITH RATIONAL PROBLEM ANALYSIS AND SOLUTION **DECIMALS** Decimals and Their Operations NUMBERS Words and symbolsSimple verbal problems Unit Applying DecimalsScientific Notation Number Theory Solving Problems with Rational Numbers • Medium verbal problems • The Metric System Solving Equations and Inequalities • Challenging verbal problems PATTERNS AND EQUATIONS PROPORTIONAL REASONING **POLYNOMIALS** Unit 4 • Variable Expressions • Proportions Addition of polynomials • Subtraction of polynomials Patterns and Functions Percents • Measurement/Similar Figures • Multiplication of polynomials Solving Equations Equations and Inequalities Division of polynomials RATIOS AND PROPORTIONS MORE WITH FUNCTIONS ALGEBRAIC FACTORS • Ratios, Rates, and Proportions • Solving Equations • Greatest common factor • Using Proportions Families of Functions • Binomial factors • Fractions, Decimals, and Percents • Complete factorization Word problems MEASUREMENT PROBABILITY AND GRAPHING ALGEBRAIC FRACTIONS 9 • Angle Measures and Circles • Operations with fractions Probability Unit Polygons Solving equationsSolving inequalities Functions • Graphing Linear Equations Indirect Measure Direct Variation Solving word problems DATA ANALYSIS PLANE GEOMETRY RADICAL EXPRESSIONS Unit 7 • Describing Data • Perimeter and Area • Rational and irrational numbers Organizing Data • Symmetry and Reflections • Operations with radicals Graphing Data and Making Predictions Other Transformations Irrational roots Radical equations GEOMETRY MEASURES OF SOLID FIGURES GRAPHING ∞ Surface Area • Equations of two variables Basic Geometry Unit Classifying Polygons Solid Figures Graphing lines Graphing inequalities Transformations • Volume of Composite Figures Equations of lines MEASUREMENTS AND AREA DATA ANALYSIS • Collecting and Representing Data • Perimeter Graphical solution 0 Measures of Central Tendency and Dispersion
 Frequency and Histograms
 Box-and-Whisker Plots Area Algebraic solutions Unit Determinants • The Pythagorean Theorem Word problems Scatter Plots SURFACE AREA AND VOLUME **PROBABILITY** QUADRATIC EQUATIONS AND REVIEW 10 Outcomes • Solving quadratic equations Solids Permutations and Combinations • Equations and inequalities • Prisms Probability and Odds · Polynomials and factors • Cylinders • Independent and Dependent Events · Radicals and graphing

Pre-Algebra

Algebra I

Geometry (Grade 10)

Algebra II (Grade 11)

Pre-Calculus (Grade 12)

A MATHEMATICAL SYSTEM Points, lines, and planes Definition of definitions Geometric terms Postulates and theorems	SETS, STRUCTURE, AND FUNCTION • Properties and operations of sets • Axioms and applications • Relations and functions • Algebraic expressions	RELATIONS AND FUNCTIONS Ordered-pair numbers Algebra of functions	Unit 1
PROOF Logic Reasoning Two-column proof Paragraph proof	NUMBERS, SENTENCES, AND PROBLEMS Order and absolute value Sums and products Algebraic sentences Number and motion problems	FUNCTIONS • Linear functions • Second-degree functions • Polynomial and special functions • Complex numbers	Unit 2
ANGLES AND PARALLELS Definitions and measurements Relationships and theorems Properties of parallels Parallels and polygons	LINEAR EQUATIONS AND INEQUALITIES Graphs Equations Systems of equations Inequalities	RIGHT TRIANGLE TRIGONOMETRY Solving a right triangle Unit circle and special angles Reciprocal functions and identities Radian measure	Unit 3
CONGRUENCY Congruent triangles Corresponding parts Inequalities Quadrilaterals	POLYNOMIALS • Multiplying polynomials • Factoring • Operations with polynomials • Variations	GRAPHING AND INVERSE FUNCTIONS Graphing Sinusoidal functions Inverse trigonometric functions Trigonometric equations	Unit 4
SIMILAR POLYGONS Ratios and proportions Definition of similarity Similar polygons and triangles Right triangle geometry	RADICAL EXPRESSIONS Multiplying and dividing fractions Adding and subtracting fractions Equations with fractions Applications of fractions	ANALYTIC TRIGONOMETRY • Trigonometric identities • Addition formulas • Double- and half-angle formulas • Products and sums	Unit 5
CIRCLES Circles and spheres Tangents, arcs, and chords Special angles in circles Special segments in circles	REAL NUMBERS Rational and irrational numbers Laws of radicals Quadratic equations Quadratic formula	TRIGONOMETRIC APPLICATIONS • Trigonometry of oblique triangles • Vectors	Unit 6
CONSTRUCTION AND LOCUS Basic constructions Triangles and circles Polygons Locus meaning and use	QUADRATIC RELATIONS AND SYSTEMS Distance formulas Conic sections Systems of equations Application of conic sections	POLAR COORDINATES • Polar equations • Complex numbers	Unit 7
AREA AND VOLUME • Area of polygons • Area of circles • Surface area of solids • Volume of solids	EXPONENTIAL FUNCTIONS Exponents Exponential equations Logarithmic functions Matrices	QUADRATIC EQUATIONS • Circles and ellipses • Parabolas and hyperbolas • Translations	Unit 8
COORDINATE GEOMETRY Ordered pairs Distance Lines Coordinate proofs	COUNTING PRINCIPLES Progressions Permutations Combinations Probability	COUNTING PRINCIPLES • Probability • Combinations and permutations • Sequences, series, and induction	Unit 9
GEOMETRY REVIEW Proofs and angles Polygons and circles Construction and measurements Coordinate geometry	ALGEBRA II REVIEW Integers and open sentences Graphs and polynomials Fractions and quadratics Exponential functions	CALCULUS • Limits • Slopes • Curves	Unit 10

Science

	Your Senses	Our World	Changes to Our World
	(Grade 1)	(Grade 2)	(Grade 3)
Unit 1	YOU LEARN WITH YOUR EYES Name and group some colors Name and group some shapes Name and group some sizes Help from what you see	THE LIVING AND NONLIVING • What God created • Rock and seed experiment • God-made objects • Man-made objects	YOU GROW AND CHANGE • Air we breathe • Food for the body • Exercise and rest • You are different
Unit 2	YOU LEARN WITH YOUR EARS Sounds of nature and people How sound moves Sound with your voice You make music	PLANTS • How plants are alike • Habitats of plants • Growth of plants • What plants need	PLANTS Plant parts Plant growth Seeds and bulbs Stems and roots
Unit 3	MORE ABOUT YOUR SENSES Sense of smell Sense of taste Sense of touch Learning with senses	ANIMALS • How animals are alike • How animals are different • What animals need • Noah and the ark	ANIMAL AND ENVIRONMENT CHANGES What changes an environment How animals are different How animals grow How animals change
Unit 4	ANIMALS • What animals eat • Animals for food • Animals for work • Pets to care for	YOU How people are alike How you are different Your family Your health	YOU ARE WHAT YOU EAT Food helps your body Junk foods Food groups Good health habits
Unit 5	PLANTS • Big and small plants • Special plants • Plants for food • House plants	PET AND PLANT CARE Learning about pets Caring for pets Learning about plants Caring for plants	PROPERTIES OF MATTER Robert Boyle States of matter Physical changes Chemical changes
Unit 6	GROWING UP HEALTHY • How plants and animals grow • How your body grows • Eating and sleeping • Exercising	YOUR FIVE SENSES • You can see • You can smell and hear • You can taste • You can feel	SOUNDS AND YOU Making sounds Different sounds How sounds move How sounds are heard
Unit 7	GOD'S BEAUTIFUL WORLD • Types of land • Water places • The weather • Seasons	PHYSICAL PROPERTIES Colors Shapes Sizes How things feel	TIMES AND SEASONS The earth rotates The earth revolves Time changes Seasons change
Unit 8	ALL ABOUT ENERGY • God gives energy • We use energy • Ways to make energy • Ways to save energy	OUR NEIGHBORHOOD Things not living Living things Harm to our world Caring for our world	ROCKS AND THEIR CHANGES Forming rocks Changing rocks Rocks for buildings Rock collecting
Unit 9	MACHINES AROUND YOU • Simple levers • Simple wheels • Inclined planes • Using machines	CHANGES IN OUR WORLD Seasons Change in plants God's love never changes God's Word never changes	HEAT ENERGY Sources of heat Heat energy Moving heat Benefits and problems of heat
Unit 10	WONDERFUL WORLD OF SCIENCE Using your senses Using your mind You love yourself You love the world	LOOKING AT OUR WORLD Living things Nonliving things Caring for our world Caring for ourselves	PHYSICAL CHANGES Change in man Change in plants Matter and time Sound and energy

God's Creation (Grade 4)

Life Cycles and Geology (Grade 5)

Plants and Animals / Space (Grade 6)

PLANTS Plants and living things Using plants Parts of plants The function of plants	CELLS Cell composition Plant and animal cells Life of cells Growth of cells	PLANT SYSTEMS Parts of a plant Systems of photosynthesis Transport systems Regulatory systems	Unit 1
ANIMALS • Animal structures • Animal behavior • Animal instincts • Man protects animals	PLANTS: LIFE CYCLES • Seed producing plants • Spore producing plants • One-celled plants • Classifying plants	BODY SYSTEMS Digestive system Excretory system Skeletal system Diseases	Unit 2
MAN'S ENVIRONMENT Resources Balance in nature Communities Conservation and preservation	ANIMALS: LIFE CYCLES • Invertebrates • Vertebrates • Classifying animals • Relating function and structure	PLANT AND ANIMAL BEHAVIOR • Animal behavior • Plant behavior • Plant and animal interaction • Balance in nature	Unit 3
MACHINES • Work and energy • Simple machines • Simple machines together • Complex machines	BALANCE IN NATURE Needs of life Dependence on others Prairie life Stewardship of nature	MOLECULAR GENETICS Reproduction Inheritance DNA and mutations Mendel's work	Unit 4
ELECTRICITY AND MAGNETISM Electric current Electric circuits Magnetic materials Electricity and magnets	TRANSFORMATION OF ENERGY • Work and energy • Heat energy • Chemical energy • Energy sources	CHEMICAL STRUCTURE Nature of matter The periodic table Diagrams of atoms Acids and bases	Unit 5
PROPERTIES OF MATTER • Properties of water • Properties of matter • Molecules and atoms • Elements	RECORDS IN ROCK: THE FLOOD • The Biblical account • Before the Flood • The Flood • After the Flood	LIGHT AND SOUND Sound waves Light waves The visible spectrum Colors	Unit 6
WEATHER • Causes of weather • Forces of weather • Observing weather • Weather instruments	RECORDS IN ROCK: FOSSILS • Fossil types • Fossil location • Identifying fossils • Reading fossils	MOTION AND ITS MEASUREMENT Definition of force Rate of doing work Laws of motion Change in motion	Unit 7
THE SOLAR SYSTEM Our solar system The big universe Sun and planets Stars and space	RECORDS IN ROCK: GEOLOGY • Features of the earth • Rock of the earth • Forces of the earth • Changes in the earth	SPACESHIP EARTH • Shape of the earth • Rotation and revolution • Eclipses • The solar system	Unit 8
THE PLANET EARTH • The atmosphere • The hydrosphere • The lithosphere • Rotation and revolution	CYCLES IN NATURE • Properties of matter • Changes in matter • Natural cycles • God's order	ASTRONOMY AND THE STARS • History of astronomy • Investigating stars • Major stars • Constellations	Unit 9
GOD'S CREATION • Earth and solar system • Matter and weather • Using nature • Conservation	LOOK AHEAD • Plant and animal life • Balance in nature • Biblical records • Records of rock	THE EARTH AND THE UNIVERSE • Plant systems • Animal systems • Physics and chemistry • The earth and stars	Unit 10

Science

General Science L

(Grade 7) (Grade 8) (Grade 9) WHAT IS SCIENCE? OUR ATOMIC WORLD SCIENCE AND SOCIETY Unit 1 Tools of a scientist • Definition of science · Structure of matter Radioactivity Methods of a scientist History of science · Work of a scientist Science today Atomic nuclei Nuclear energy · Careers in science Science tomórrow PERCEIVING THINGS STRUCTURE OF MATTER 1 VOLUME, MASS, AND DENSITY Unit 2 • History of the metric system · Properties of matter Measure of matter Metric units • Chemical properties of matter • Volume Advantages of the metric system Atoms and molecules Mass • Elements, compounds, and mixtures • Density Graphing data PHYSICAL GEOLOGY • Earth structures EARTH IN SPACE 1 STRUCTURE OF MATTER 2 Unit 3 Ancient stargazing Geocentric theory Changes in matter Weathering and erosion Acids • Copernicus • Bases Sedimentation • Salts Tools of astronomy • Earth movements EARTH IN SPACE 2 **HEALTH AND NUTRITION** HISTORICAL GEOLOGY Unit 4 • Solar energy • Foods and digestion · Sedimentary rock • Planets of the sun Diet Fossils • Nutritional diseases • Crustal changes • The moon • Hygiene Measuring time Eclipses THE ATMOSPHERE **ENERGY 1 BODY HEALTH 1** Kinetic and potential energy • Layers of the atmosphere • Microorganisms Solar effects • Other forms of energy Bacterial infections · Natural cycles · Energy conversions Viral infections • Protecting the atmosphere Entropy · Other infections WEATHER ENERGY 2 **BODY HEALTH 2** Elements of weatherAir masses and clouds • Body defense mechanisms Magnetism · Current and static electricity Treating diseasePreventing disease Using electricity Fronts and storms Energy sources Weather forecasting Community health MACHINES 1 **ASTRONOMY** Unit 7 · Climate and weather · Measuring distance · Extent of the universe • Worldwide climate • Force • Constellations Regional climate · Laws of Newton • Telescopes Local climate Work Space explorations **HUMAN ANATOMY 1** MACHINES 2 **OCEANOGRAPHY** Cell structure and function • History of oceanography Friction • Skeletal and muscle systems • Levers Research techniques Wheels and axles Geology of the ocean • Nervous system • Inclined planes • Properties of the ocean HUMAN ANATOMY 2 BALANCE IN NATURE SCIENCE AND TOMORROW Respiratory system Photosynthesis • The land Waste and ecology Circulatory system Food Digestive systemEndocrine system Natural cycles Industry and energy · Balance in nature New frontiers CAREERS IN SCIENCE SCIENCE AND TECHNOLOGY SCIENTIFIC APPLICATIONS Scientists at work • Basic science • Measurement Astronomy • Physical science • Practical health Meteorology • Lifé science • Geology and astronomy • Medicine · Vocations in science Solving problems

General Science II

General Science III

Biology (Grade 10)

Chemistry (Grade 11)

Physics (Grade 12)

TAXONOMY • History of taxonomy • Binomial nomenclature • Classification • Taxonomy	ESTIMATE AND MEASUREMENT • Metric units and instrumentation • Observation and hypothesizing • Scientific notation • Careers in chemistry	KINEMATICS • Scalars and vectors • Length measurement • Acceleration • Fields and models	Unit 1
BASIS OF LIFE Elements and molecules Properties of compounds Chemical reactions Organic compounds	ELEMENTS, COMPOUNDS, AND MIXTURES • Alchemy • Elements • Compounds • Mixtures	DYNAMICS • Newton's laws of motion • Gravity • Circular motion • Kepler's laws of planetary motion	Unit 2
MICROBIOLOGY • The microscope • Protozoan • Algae • Microorganisms	GASES AND MOLES • Kinetic theory • Gas laws • Combined gas law • Moles	WORK AND ENERGY • Mechanical energy • Conservation of energy • Power and efficiency • Heat energy	Unit 3
CELLS Cell theories Examination of the cell Cell design Cells in organisms	ATOMIC MODELS • Historical models • Modern atomic structure • Periodic law • Nuclear reactions	WAVES • Energy transfers • Reflection and refraction of waves • Diffraction and interference • Sound waves	Unit 4
PLANTS: GREEN FACTORIES The plant cell Anatomy of the plant Growth and function of plants Plants and people	CHEMICAL FORMULAS Ionic charges Electronegativity Chemical bonds Molecular shape	LIGHT • Speed of light • Mirrors • Lenses • Models of light	Unit 5
HUMAN ANATOMY AND PHYSIOLOGY Digestive and excretory system Respiratory and circulatory system Skeletal and muscular system Body control systems	CHEMICAL REACTIONS • Detecting reactions • Energy changes • Reaction rates • Equilibriums	STATIC ELECTRICITY Nature of charges Transfer of charges Electric fields Electric potential	Unit 6
GENETICS AND INHERITANCE Gregor Mendel's experiments Chromosomes and heredity Molecular genetics Human genetics	EQUILIBRIUM SYSTEMS Solutions Solubility equilibriums Acid-base equilibriums Redox equilibriums	ELECTRIC CURRENTS • Electromotive force • Electron flow • Resistance • Circuits	Unit 7
CELL DIVISION AND REPRODUCTION • Mitosis and meiosis • Asexual reproduction • Sexual reproduction • Plant reproduction	HYDROCARBONS Organic compounds Carbon atoms Carbon bonds Saturated and unsaturated	MAGNETISM • Fields • Forces • Electromagnetism • Electron beams	Unit 8
ECOLOGY AND ENERGY • Ecosystems • Communities and habitats • Pollution • Energy	CARBON CHEMISTRY Saturated and unsaturated Reaction types Oxygen groups Nitrogen groups	ATOMIC AND NUCLEAR PHYSICS • Electromagnetic radiation • Quantum theory • Nuclear theory • Nuclear reaction	Unit 9
APPLICATIONS OF BIOLOGY Principles of experimentation Principles of reproduction Principles of life Principles of ecology	ATOMS TO HYDROCARBONS Atoms and molecules Chemical bonding Chemical systems Organic chemistry	KINEMATICS TO NUCLEAR PHYSICS • Mechanics • Wave motion • Electricity • Modern physics	Unit 10

LIFEPAC® Electives

Enriching Electives: Providing a more complete academic experience, LIFEPAC electives broaden the knowledge base of students and offer an opportunity to delve deeper into topics they display an interest in exploring.

Real-world Skills: LIFEPAC electives enhance learning and equip students with knowledge and skills they can use in the world around them. Biblical concepts are integrated throughout all subjects, and each LIFEPAC has challenging lessons and questions that develop critical thinking skills.

Course List:

- Accounting
- Art
- Consumer Math
- Family and Consumer Science
- Foundations for Living, Studies in the Christian Worldview[®]
- Spanish I
- Spanish II
- American Literature
- British Literature
- Civics
- Speech: Essentials of Communication
- Health Quest
- High School Health
- LIFFPAC Select

Accounting Art Consumer Math (Grades 7-12, 2 Semesters) (Grades 7-12, 2 Semesters) (Grades 11-12, 2 Semesters)

ACCOUNTING OVERVIEW Nature of bookkeeping and accounting Accounting concepts and terms Starting a proprietorship The accounting equation Changes in the accounting equation	CONCEPTS IN DESIGN The design process Principles of design and composition	CREATIVE ARITHMETIC Basic skills Mental search skills Creative manipulation Mental imagery	Unit 1
STARTING AN ACCOUNTING SYSTEM • Accounting concepts • Introduction to the balance sheet • Introduction to the general journal • Introduction to the ledger account • Prepare a chart of accounts	PRINCIPLES OF COLOR • The color wheel • Color phenomenon • The meaning of color	FRACTIONS, DECIMALS, AND PERCENTS • Fractions • Decimals • Percents • Consumer applications	Unit 2
ANALYZING AND JOURNALIZING TRANSACTIONS Using the T account Accounts and their balances Analyzing a business transaction Journal entries	DESIGN PERSONALITY • Design personality • Idea generation	FAMILY FINANCES I Income Taxes Budgets Buying	Unit 3
POSTING TO THE GENERAL LEDGER • What is a journal? • Why journalize? • Columnar journal • Posting	PERSPECTIVE • History • Understanding perspective • Equal division of space	FAMILY FINANCES II Insurance Banking Financial planning investments and estates	Unit 4
PREPARING THE WORKSHEET • Accounting concepts and terms • Worksheets • Introduction to adjustments • Financial statements on worksheets • Review worksheet procedures	FIGURE DRAWING • The head • Shading • The body	CONSTRUCTION AND BUILDING TRADES • Measurement systems • Area and volume • Curved and straight boundaries	Unit 5
FINANCIAL STATEMENTS • Financial statements for a proprietorship • Income statements • Equity statements • Balance sheets	SCULPTURE • Three forms of sculpture • Four methods of sculpture • Modeling, casting, and carving	SERVICE OCCUPATIONS • Financial transactions • Data interpretation • Automotive, food, and personal services	Unit 6
ADJUSTING AND CLOSING ENTRIES • Accounting terms • Adjusting entries • Post to general ledger • Prepare a post-closing trial balance	COMICS • History • The cartoon figure • Layout and design	TRANSPORTATION Operating an automobile Distance equals rate times time Currency exchange rates Time zone adjustments	Unit 7
PAYROLL RECORDS • Payroll taxes • Figuring earnings for employees • Complete the payroll register • Employees' earning record	PRINTMAKING • Stencil making • Relief printing • Intaglio printing • Monoprinting	BUSINESS SERVICES • Balance sheets • Payroll deductions • Bank statements • Credit terms • Pricing considerations and discounts	Unit 8
PAYROLL ACCOUNTING Recording a payroll Recording employers' payroll taxes Reporting taxes Payment of taxes	CALLIGRAPHY • Practice • Layout and design • Concept and sketching	OCCUPATIONAL DIAGRAMS Review basic math Scale drawings Informal geometry House plans	Unit 9
BUSINESS SIMULATION • Purpose • Materials required • Steps to complete • Review all materials	ART APPRECIATION The purpose of art Recent movement and styles Art forms	CONSUMER MATH REVIEW • Mathematical operations • Informal geometry • Family finances • Occupational services	Unit 10

Electives

Family and Consumer Science Foundations for Living Spanish I (Grades 7-12, 2 Semesters) (Grades 9-12, 2 Semesters) (Grades 9-12, 2 Semesters)

Unit 1	PERSONAL HYGIENE AND APPEARANCE • Inner beauty • Physical beauty • Behavioral beauty	WHAT IS A BIBLICAL WORLDVIEW? • The ancient Greek worldview: government, religion, and philosophy • The ancient Hebrew worldview: religion, government, and theology • Conflicting worldviews	INTRODUCTION • Spanish alphabet • Syllables and accents • Helpful phrases • Basic greetings
Unit 2	WHAT'S COOKIN'? • Getting acquainted with the kitchen • Recipes • Meal management	PRESUPPOSITIONS • Assumptions and presuppositions • Moral relativism versus moral absolutism • The basis for truth and morality • The relationship of law and grace	THE SCHOOL School vocabulary Subject pronouns Verb conjugations: -ar
Unit 3	LET'S EAT! • Nutrition • Food preparation • Meal planning • Food service	THE DOCTRINES OF THE BIBLE • The inspiration of Scripture • The natural and moral attributes of God: • The authority of God's Word • The illumination of the Holy Spirit	FAMILY AND HOME • Family members • Gender of nouns • Definite and indefinite articles • Verb conjugations: -er and -ir
Unit 4	THE CLOTHES YOU WEAR • Fashion • Design and appearance • Textiles and fabrics • Care of clothes	GOD'S CREATION • The sovereignty of the Creator • The sanctity and purpose of human life • Abortion and Euthanasia	AROUND TOWN • Descriptive adjectives • Adjective agreement • Irregular verbs • Numbers to 100
Unit 5	THE CLOTHES YOU SEW • Sewing equipment and safety • Basic sewing • Selecting patterns and fabrics • Layout, cutting, marking, and pressing • Sewing project	THE FAMILY • The Fatherhood of God • Godliness, leadership, and fatherhood • Biblical description of a godly man	PASTIMES • Sports and clothing • Shoe verbs • Possessive adjectives • Caribbean culture
Unit 6	INTERIOR DECORATING • A brief history of interior design • Introduction to design and decoration • Specific treatments • Visual enrichment • Sewing for the home	THE BIBLE AND MARRIAGE The successful Christian family Roles of family members Role conflicts in our culture Lack of a godly family head	IN THE RESTAURANT • Food • Numbers to 1,000,000 • Irregular verbs • South American geography
Unit 7	YOUR HOME AND YOU • Hospitality • Etiquette • Home management	DATING TO MATRIMONY Dating versus courtship Making a commitment Biblical principles for marriage The engagement	PERSONAL CARE • Weather • Reflexive verbs • Adverbs • Demonstrative adjectives
Unit 8	FINANCIAL FREEDOM • Getting a job • Personal finance • Legal matters, forms, and contracts	CHRISTIAN EDUCATION Created to learn The foundation of all education General and special revelation Filtering facts and applying truth	TRAVELING • Transportation • Present progressive tense • Direct object pronouns • Comparison of adjectives and adverbs
Unit 9	CHILD CARE AND DEVELOPMENT • Ages and stages • Care of children • Safety and first aid • The business of baby-sitting	ART, MUSIC, AND POLITICS • A Christian worldview in art, music, and literature • A Christian worldview in politics: civil government and Christian involvement	IDIOMS • Prepositions • Indirect object pronouns • Double object pronouns • Prepositional pronouns
Unit 10	RELATIONSHIPS • At home • At school and work • At church • At social events • Choosing the right mate	APPLYING A BIBLICAL WORLDVIEW Biblical faith Biblical strategies Biblical applications Review	LET'S USE SPANISH • Spanish review • Natural situations • Cultural aspects • Practice Spanish

Spanish II American Literature British Literature (Grades 9-12, 2 Semesters) (Grades 7-12, 1 Semester) (Grades 7-12, 1 Semester)

GRAMMAR REVIEW Counting, dates, and time Present progressive and reflexive verbs Noun-adjective agreement Present tense verbs	EARLY AMERICAN LITERATURE The Puritans The colonists Days of change and revolution	THE MIDDLE AGES Old English literature Middle English literature Morality plays Prose fiction	Unit 1
FORMS OF THE PAST TENSES Idiomatic expressions of past events Map skills Preterit and imperfect Chores and jobs	THE ROMANTIC PERIOD 1800-1855 Romantic period The fireside poets The transcendentalists Poets of despair	THE 16TH CENTURY • The early Renaissance • Renaissance poets • Renaissance prose • Renaissance drama	Unit 2
USAGES OF THE PAST TENSES • Preterit and imperfect tenses • Prepositions • Geography of Mexico • The home and workplace	WAR AND RECONCILIATION 1855-1915 • War and reconciliation • Secession and royalty • Realism and naturalism • Naturalists, regionalists, and realists	THE 17TH AND 18TH CENTURIES The Stuarts The Puritan revolution The Restoration and Neoclassic age	Unit 3
POSSESSION AND PRESENT PARTICIPLES • Roles of prepositions • Vocabulary of clothing • Use of the gerund • Geography of Spain	MODERN AGE 1915-1946 The modern age Modern prose Modern poetry Harlem renaissance, drama, & religious works	THE 19TH CENTURY • The early Romantic era • The later Romantic era • The Victorian era	Unit 4
PREPOSITIONS AND PRONOUNS • Subject, prepositional, and object pronouns • Prepositions of place • Vocabulary of the home office • Expressing the passive voice	MODERN TO POSTMODERN 1946-PRESENT • Modern to postmodern • More contemporary writers • Social issues	THE 20TH CENTURY • Modern poetry • Modern drama • Modern prose • Modern fiction	Unit 5
COMPARISONS AND NEGATIVES • Vocabulary related to job hunting • The Spanish double negative • Review of pronouns • The Flamenco dance of Spain			Unit 6
FUTURE AND CONDITIONAL TENSES • Conjugate the forms of future tense • Express probability by future tense • Conjugate the forms of the conditional tense • Vocabulary related to travel by air			Unit 7
COMPOUND TENSES • Form and usage of the past participle • Present perfect and the pluperfect • Vocabulary about the automobile • Geography of Central America and the Caribbean			Unit 8
ADVERBS AND COMMANDS • Adverbial expressions of time • Imperative mood and commands • Vocabulary for celebrations and holidays • Mexican traditions			Unit 9
SUBJUNCTIVE MOOD • Relative pronouns • The subjunctive mood • Practical use of the subjunctive • Research paper			Unit 10

Electives

Civics (Grades 7-12, 1 Semester)

Speech: Essentials of Communication (Grades 9-12, 1 Semester) (Grades 4-7, 1 Semester)

Health Quest

Unit 1	A NEW NATION The nature of citizenship, politics, and government The course of human events The many faces of government Strife and compromise	COMMUNICATION FOUNDATIONS • Types of effective communication • The influence of perception on communication • Self concept and communication competence	PHYSICAL HEALTH Body building blocks Body framework Body systems Growth and development
Unit 2	THE CONSTITUTION Ratification A flexible framework Amendments	LANGUAGE CHARACTERISTICS The social function of language The purpose and types of nonverbal communication Listening process and styles	MENTAL HEALTH Thinking and learning Emotional disorders Social health Personal hygiene
Unit 3	BRANCHES OF GOVERNMENT The executive branch The legislative branch The judicial branch	INTERPERSONAL COMMUNICATION Types and stages of interpersonal relationships Using conversation for interpersonal communication Communication etiquette Preparing for an interview	NUTRITION AND FOOD GROUPS • Nutrients and metabolism • Basic food groups • Physical fitness • Good eating habits
Unit 4	GOVERNMENT BY THE PEOPLE State and local government Election process Citizenship Civic life	GROUP COMMUNICATION Types of group communication Factors that impact group dynamics Recognizing and evaluating group leadership	INJURY AND DISEASE PREVENTION • Safety and accidents • Natural disasters • Emergency care • Disease and prevention
Unit 5	RELATIONSHIP TO THE WORLD • Economics • Comparative governments • The United States and the world	PUBLIC MESSAGES Preparing a speech Using research and materials for an effective speech Using notes and outlines to organize speeches Delivering and evaluating speeches	STEWARDSHIP OF GOD'S CREATION • Environment and health • Use and misuse of drugs • Alcohol and alcoholism • Smoking

High School Health (Grades 8-12, 1 Semester)

Unit 1	BODY ESSENTIALS • General health introduction • The head and crown of Creation • Body systems • Growth and development
Unit 2	PHYSICAL HEALTH • Nutrition and exercise • Developing good eating habits • Exercise and physical fitness • Biblical perspectives of health
Unit 3	SOCIAL AND MENTAL HEALTH Spiritual, mental, and emotional health True health wisdom Social health Personal hygiene
Unit 4	PREVENTATIVE HEALTHCARE AND FIRST AID • Safety habits • Fire safety • First aid
Unit 5	RESPONSIBLE LIVING Origin and prevention of disease Alcohol and tobacco Drug use and abuse The environment

LIFEPAC Select

Astronomy (Grades 7-12, 1 Semester)	Composition (Grades 7-12, 1 Semester)	Geography (Grades 7-12, 1 Semester)
Science 608: Spaceship Earth Science 609: Astronomy and the Stars Science 703: Earth in Space 1 Science 704: Earth in Space 2 Science 907: Astronomy	Language Arts 705: The Nature of English Language Arts 709: Composition Language Arts 803: Punctuation and Writing Language Arts 807: Critical Reading and Paragraph Skills Language Arts 903: Practical English	 History & Geography 702: What Is Geography? History & Geography 703: History and Geography of Our States History & Geography 906: The Earth and Man History & Geography 907: Regions of the World History & Geography 909: The Tools of the Geographer
Geology (Grades 7-12, 1 Semester)	Life of Christ (Grades 7-12, 1 Semester)	Life Science (Grades 7-12, 1 Semester)
Science 903: Physical Geology Science 904: Historical Geology Science 908: Oceanography Science 705: The Atmosphere Science 707: Climate	Bible 704: Christian Evidences: Fulfilled Prophecies about Christ Bible 707: The Life of Christ: Part 1 Bible 708: The Life of Christ: Part 2 Bible 709: The Life of Christ: Part 3 Bible 906: The Revelation of Jesus Christ	Science 701: What Is Science? Science 708: Human Anatomy 1 Science 709: Human Anatomy 2 Science 809: Balance in Nature Science 909: Science and Tomorrow
Mankind: Anthropology and Sociology (Grades 7-12, 1 Semester)		
 Bible 702: Mankind History & Geography 704: Anthropology History & Geography 705: Sociology: Man in Groups History & Geography 706: Anthropology and Sociology of the United States History & Geography 906: The Earth and Man 		





804 N. 2nd Ave. E. Rock Rapids, IA 51246-1759

800-622-3070 www.aop.com

