



Scope & Sequence

This course catalog was developed to provide you with an overview of the coursework that your early elementary student will complete while participating in the Sacred Journey Academy/Portals program. There are multiple courses in each disciplinary area. Bible, History, Literature, and English are all designed to work in concert with one another, reinforcing learning across subject areas. Math level is based on individual student placement upon entering the program, and should be selected according to each student's developmental level.

In the following pages, you will find more detailed descriptions of each course at SJA. The footer at the bottom will indicate if Portals or SJA is providing the curriculum for that particular course. In addition to the table below, SJA also offers Foreign Language, Keyboarding and Physical Education courses each year. Following our 4:1 school week, our Xperience list, found at the end of this collection, highlights the In and Out Xperiences SJA has participated in for the indicated school year.

	Founders (K-2)		
	School Year 2023, 2026, 2029	School Year 2024, 2027, 2030	School Year 2025, 2028, 2031
Bible	NT Survey	OT History	OT Worship
History & Civics	American History: Heroes	Ancient World History: Heroes and Peoples	Mid & Modern World History: Heroes and Peoples
Literature	Read Alouds	Read Alouds	Read Alouds
English	Pathway Readers - Before We Read	Drawn into the Heart of Reading and Grammar	Pathway Readers - Busy Times & Climbing Higher
Science	Botany	Zoology	Chemistry and Physics
Math	Kindergarten - Primer	First Grade- Alpha	Second Grade- Beta

Course Description:

This two semester sequence is the first round through the New Testament, covering Matthew, Hebrews, Acts, Romans, Ephesians, 2 Thessalonians, 1 Timothy, and Revelation. Topics covered include Jesus's life, death and resurrection; expectations, exhortations and encouragements for life in Christ; and living fully for Jesus. Goals for Founders are simply to be introduced to the characters and practical ideas for life, character, and responsibility in the home. Projects include invitations to pray, opportunities to serve, strategies for study, and ideas for application. Bible readings are supplemented with digital resources that allow for further exploration.

Concepts Covered:

Matthew - Birth of Jesus, Ministry of Jesus, Crucifixion, Resurrection

Hebrews - The New Covenant of Jesus and connections to Jewish Law

Acts - The Church, Spiritual Gifting, Sharing Faith, and Conflict Resolution

Romans - Love, Sin, Grace, and Accountability

Ephesians - Redemption, New Life, Caring for Others, Unity, Life in Christ, Marriage, Family, Armor of God, Imitating Christ

2 Thessalonians - Thankfulness, Spiritual Challenges, How to Treat Others

1 Timothy - Doctrine, Prayer, Men and Women, Leadership, Discipline, Good Works, Service, and Ministry

Revelation - Seven Churches, Heaven, Judgment, Tribulation, Eschatology

Texts:

- The Beginner's Bible
- The Bible (NIV or ESV)

Course Description:

This two semester sequence is the first round through the Old Testament, covering Genesis, Exodus, Numbers, Joshua, Judges, Ruth, 1 and 2 Samuel, 1 and 2 Kings, and Jonah. Topics covered include creation, sin, promises, covenants, slavery, rebellions, judges, kingdoms, prophets and deliverance. Students explore the origin of life and creation; the reason for evil in the world; God's faithfulness despite rebellion; the consequences of sin; and the promise of redemption. Goals for Founders are simply to be introduced to the characters and practical ideas for life, character, and responsibility in the home. Projects include invitations to pray, opportunities to serve, strategies for study, and ideas for application. Bible readings are supplemented with digital resources that allow for further exploration.

Concepts Covered:

Genesis - Creation, Fall, Flood, Languages, Covenants, Promises, Patriarchs, Joseph

Exodus - Slavery, Plagues, Red Sea Crossing, Wilderness, Sinai, Law

Numbers - Spies, Rebellions, Priests, Attacks, Balaam

Joshua - Rahab, Crossing the Jordan, Jericho, Conquest, Dividing the Land

Judges - Deborah, Gideon, Jotham, Jephthah, Samson, Crimes and Consequences

Ruth - Naomi, Boaz, Redemption

1 Samuel - Hannah, Calling, The Ark, King Saul, David, Feats, Hiding, Abigail, Fleeing

2 Samuel - King David, The Ark, Bathsheba, Heirs, Struggles for Power, Return

1 Kings - King Solomon, The Temple, Israel Divided, Good and Bad Kings, Elijah

2 Kings - Elisha, Assyria, King Hezekiah, King Josiah, Babylon, Captivity

Jonah - Disobedience, Praying, Evangelizing, Repenting

Featured Projects:

- Jacob's 12 son paper chain
- Decorated Rocks like the Ebenezer Stone
- Nativity Scenes
- Self - portraits "Yes, Lord"
- Name Bracelets
- Edible Tabernacle
- Comic Strip Illustrations of Judges 9
- Weaving baskets for baby Moses

Texts:

- The Beginner's Bible
- The Bible (NIV or ESV)

Course Description:

This two semester sequence is the first round through the Old Testament, covering Leviticus, 1 & 2 Chronicles, Psalms, Daniel, Song of Songs, and Ezra. Topics covered include Law, Worship, history, poetry and song, prophetic voice, marriage and family, and calling towards work and professional life. Goals for Founders are simply to be introduced to the characters and practical ideas for life, character, and responsibility in the home. Projects include invitations to pray, opportunities to serve, strategies for study, and ideas for application. Bible readings are supplemented with digital resources that allow for further exploration.

Concepts Covered:

Leviticus - Mosaic Law and foundations of legal codes, worship and religious practice

1 & 2 Chronicles - History of Judah

Psalms - Poetry, Prophetic voice, well being, coping, and wellness

Daniel - Historical review of Babylonian era, prophetic voice, dreams, and integrity

Song of Songs - Biblical courtship, marriage, sex education, and poetry

Ezra - Taking on projects, calling, and working with others

Texts:

- The Beginner's Bible
- The Bible (NIV or ESV)

Course Description:

This two semester sequence is a literature-based approach to American History. Topics covered include indigenous and immigrant cultures, colonies, exploration, conflicts, major leaders, migrations, inventions, religious movements, and stories from primary documents. Students explore the founding of the United States, reasons people immigrate and migrate, the impact of hardworking individuals, the role of faith in God in American history and more. Suggested projects include painting landscapes, creating models, making homemade treats, building instruments, experimenting with old tools, visiting historical sites, listening to eye witness accounts and rediscovering past knowledge. This course uses a number of quality texts that provide a Christian perspective on historical events. Books are supplemented with digital resources that allow for further exploration. Grading is based on understanding as demonstrated in discussions, presentations, written pieces, and project artifacts.

Texts:

- **Our Star-Spangled Story**
- **North American Indians**
- **Three Young Pilgrims**
- **Heroes and Happenings**
- **Your Life as a Settler in Colonial America**
- **George vs. George**
- **How We Crossed the West**
- **The Civil War on Sunday**
- **Mike Mulligan and More** - Early 20th century

Course Description:

This two semester sequence is a literature-based approach to world history from ancient history through the 16th century. Topics covered include ancient civilizations including nomadic pre-history, Egypt, Sumer, Israel, Babel, Assyria, China, Africa, Phoenicians, Babylon, Crete, Mycenaens, Persia, Greece, Rise of Rome, Aryans, Pax Romana, Christ, Fall of Rome, Britannia, Byzantium, Islam, Franks, Jihad, Charlemagne, Norse, England, Knights, Crusades, Diaspora, Ottomans, Plague, Wars of Europe, Catholicism, Exploration. Students are exposed to the differences in religious belief, culture, social structure, economy, technology across the ancient world and some of the major changes and developments that occurred. This course uses a number of texts that provide a Christian perspective on historical events. Books are supplemented with digital resources that allow for further exploration. Grading is based on understanding as demonstrated in discussions, written assignments and project artifacts.

Featured Projects:

- Charlamagne's Crown
- Writing a Code of Conduct
- Bean Mosaic Tiles
- Scratch Art Pottery
- Viking Feast!
- Roman Road

Texts:

- A Child's History of the World - Survey
- The Usborne Book of World History - Survey
- Game on in Ancient Greece - Ancient Greece
- Hot on the Trail in Ancient Egypt - Ancient Egypt
- Stowing Away with the Vikings - Viking Scandinavia
- Time Traveler - Survey

Course Description:

This two semester sequence is a literature-based approach to world history from ancient history through the 16th century. Topics covered include Exploration, Colonization, the Age of Empire, Ottomans, Asia, India, China, Industrialization, Global Trade, current events, geography, and map reading skills. Founders focus on heroes and places set in geographic locations. They use history to practice reading in context and developing character examples. This course uses texts that provide a Christian perspective on historical events. Books are supplemented with digital resources that allow for further exploration. Grading is based on understanding as demonstrated in discussions, written assignments and project artifacts.

Featured Projects:

- **Columbus Spotting Scope**
- **Inca weaving**
- **Islamic mosaic**
- **King Charles' crown**
- **Diet of Worms race**
- **Stained glass window**
- **Name bracelets**
- **Mosaic Cross**
- **Ming Dynasty plates**
- **Marie Antoinette's cake**
- **Treasure hunt**
- **German lebkuchenherzen**
- **Morse code name**
- **India elephant painting**
- **Japanese windsock**
- **Victory garden**
- **Sugar cube igloo**
- **Rocket picture**

Texts:

- **A Child's History of the World** – Reformation to Modern Age
- **The Usborne Book of World History** – Reformation to Modern Age
- **Catching their Talk in a Box**
- **Granny Han's Breakfast**

Course Description:

This two semester sequence uses great literature to connect students with history, build on timeless themes, and expose them to quality writing. Students learn to think about the foundational truths of the past and apply them to their lives today. The literature is sequenced to complement the American History course and provide stories and examples set within those people groups studied. This allows for interdisciplinary lesson design and thematic modules. The books are supplemented with digital resources that allow for further exploration. Skills gained include print awareness, picture reading, comprehension, silent reading, relationships, cause and effect, and oral communication. Grading is based on understanding demonstrated in discussions, written assignments and project artifacts.

Texts:

- **Five Minute Stories** - Childhood Classics
- **Phoebe the Spy** - 1776, American Revolution
- **What's the Big Idea, Ben Franklin?** - 1720s and 1730s
- **In Grandma's Attic** - Turn of the 20th Century
- **Owl's in the Family** - Rural Saskatchewan, Canada, during the 1930s
- **American Tall Tales** - Childhood Classics
- **Pippi Longstocking** - Early 20th century
- **The Light at Tern Rock** - Mid-20th century
- **Little House in the Big Woods** - 1870s, Wisconsin, Pioneer Era
- **All-of-a-Kind Family** - 1912, New York City
- **Boxcar Children** - Early 20th Century
- **Henry Huggins** - 1950s
- **Homer Price** - 1940s
- **Just Dance** - Present day
- **Mother Goose Treasury** - Childhood Classics

Course Description:

This two semester sequence uses great literature to connect students with history, build on timeless themes, and expose them to quality writing. Students learn to think about the foundational truths of the past and apply them to their lives today. The literature is sequenced to complement the Ancient World History course and provide stories and examples set within those people groups studied. This allows for interdisciplinary lesson design and thematic modules. The books are supplemented with digital resources that allow for further exploration. Skills gained include print awareness, picture reading, comprehension, silent reading, relationships, cause and effect, and oral communication. Grading is based on understanding demonstrated in discussions, written assignments and project artifacts.

Featured Projects:

- King Arthur's Holy Grail
- Roman Wax Tablets
- Origami Frogs and Swans
- Chinese Fan
- Greek Breastplate

Texts:

- **Usborne Illustrated Stories of Aesop**
- **The Lion Storyteller Bedtime Book**
- **A Grain of Rice** - Ancient China
- **D'aulaires' Book of Greek Myths** - Ancient Greece
- **Detectives in Togas** - Ancient Rome
- **Illustrated Tales of King Arthur** - Medieval Britain
- **Li Lun: Lad of Courage** - Ming Dynasty China
- **Little Pear** - 20th-Century Rural China
- **I Survived: Pompei**- Roman Empire
- **The Paper Bag Princess** - Medieval Europe
- **Tales of Uncle Remus: The Adventures of Brer Rabbit** - Antebellum South
- **Teddy's Button** - Victorian Era England

Course Description:

This two semester sequence is a literature-based approach to world history from ancient history through the 16th century. Topics covered include Exploration, Colonization, the Age of Empire, Ottomans, Asia, India, China, Industrialization, Global Trade, current events, geography, and map reading skills. Founders focus on heroes and places set in geographic locations. They use history to practice reading in context and developing character examples. This course uses texts that provide a Christian perspective on historical events. Books are supplemented with digital resources that allow for further exploration. Grading is based on understanding as demonstrated in discussions, written assignments and project artifacts.

Featured Projects:

- Princess and pea mattress stack craft
- cotton ball swan
- musical chairs
- lose a tooth game
- map of Paris
- pompom hedgehog
- make a Valentine
- Birthday party
- reading braille
- go outside to sketch nature
- hide and seek
- matchbox houses
- animal track detectives
- pipe cleaner buffalo
- egg carton mancala

Texts:

- **Richard Scarry's Please and Thank You Book**
- **Han's Christian Andersen's Fairy Tales**
- **Grimm's Fairy Tales**
- **Happy Times in Noisy Village**
- **The Family Under the Bridge**
- **Milly-Molly-Mandy Story Book**
- **Uncle Wiggily's Storybook**
- **The Velveteen Rabbit Out of Darkness:**
- **The Story of Louis Braille**
- **Mrs. Piggle-Wiggle**
- **A Beatrix Potter Treasury**
- **Winnie the Pooh**
- **The Adventures of a South Pole Pig Poems for Memorization**
- **The Good News Must Go Out**

Course Description:

The Pathways Readers are a classic reading and writing program preparing young readers as an introduction to reading. Portals uses the initial sequence for basic reading that takes learners two to three years to complete. They can learn at their own pace up through their middle school content on their own. The stories and word pages build letter recognition through character and story progressing through interpreting pictures, matching sounds, print awareness, syllables, and sentence blocks for reading. Reading and decoding sounds is in the context of character and story throughout.

Concepts Covered:

Before We Read is an introduction of reading and phonics. From Pathway: "Phonics helps pupils to read; English helps them to write what they or others will read. In teaching pupils to express themselves in writing, English uses the concepts taught in phonics while adding some of its own." Using images to develop vocabulary, sequencing and thinking skills, left- to-right progression, visual and auditory discrimination, classification and organization skills, and sentence forming.

Language Skills Taught:

- Phonics skills reinforced
- Penmanship improvement practiced
- Alphabetical order taught
- Writing original sentences and paragraphs
- Capitals for names, sentences, and titles practiced
- Periods and question marks at ends of sentences taught
- Comprehension emphasized in numerous different activities
- Working with rhyming words, synonyms, antonyms, homonyms, compound words, and contractions
- Working with plurals, suffixes, syllables
- Teaching concepts of verbs, nouns, phrases, and sentence order

Texts:

- Pathway Readers: Before We Read Kit

Course Description:

The Pathways Readers are a classic reading and writing program preparing young readers as an introduction to reading. Portals uses the initial sequence for basic reading that takes learners two to three years to complete. They can learn at their own pace up through their middle school content on their own. The stories and word pages build letter recognition through character and story progressing through interpreting pictures, matching sounds, print awareness, syllables, and sentence blocks for reading. Reading and decoding sounds is in the context of character and story throughout.

Concepts Covered:

Before We Read is an introduction of reading and phonics. From Pathway: "Phonics helps pupils to read; English helps them to write what they or others will read. In teaching pupils to express themselves in writing, English uses the concepts taught in phonics while adding some of its own." Using images to develop vocabulary, sequencing and thinking skills, left- to-right progression, visual and auditory discrimination, classification and organization skills, and sentence forming.

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- Comprehension emphasized in numerous different activities
- Working with rhyming words, synonyms, antonyms, homonyms, compound words, and contractions
- Working with plurals, suffixes, syllables
- Teaching concepts of verbs, nouns, phrases, and sentence order

Texts:

- Pathway Readers: 1st Grade Language Arts Kit

Course Description:

The Pathways Readers are a classic reading and writing program preparing young readers as an introduction to reading. Portals uses the initial sequence for basic reading that takes learners two to three years to complete. They can learn at their own pace up through their middle school content on their own. The stories and word pages build letter recognition through character and story progressing through interpreting pictures, matching sounds, print awareness, syllables, and sentence blocks for reading. Reading and decoding sounds is in the context of character and story throughout.

Concepts Covered:

Before We Read is an introduction of reading and phonics. From Pathway: "Phonics helps pupils to read; English helps them to write what they or others will read. In teaching pupils to express themselves in writing, English uses the concepts taught in phonics while adding some of its own." Using images to develop vocabulary, sequencing and thinking skills, left- to-right progression, visual and auditory discrimination, classification and organization skills, and sentence forming.

Language Skills Taught:

- Phonics skills reinforced
- Penmanship improvement practiced
- Alphabetical order taught
- Writing original sentences and paragraphs
- Capitals for names, sentences, and titles practiced
- Periods and question marks at ends of sentences taught
- Comprehension emphasized in numerous different activities
- Working with rhyming words, synonyms, antonyms, homonyms, compound words, and contractions
- Working with plurals, suffixes, and syllables
- Teaching concepts of verbs, nouns, phrases, and sentence order

Texts:

- Pathway Readers: 2nd Grade Language Arts Kit

English: Reading

Course Description:

SJA incorporates My Father's World Beginning Readers and Bob Books into the Reading class time for our youngest students.

My Father's World Beginning Readers:

- This highly successful multi-sensory phonics approach makes teaching reading easy.
- Hands-on and workbook activities are combined to teach letter names, 26 letter sounds (consonants and short vowels), sound blending, and correct handwriting.
- Students learn to read and write short vowel words.
- By mid-year they are reading very simple stories.

Bob Books Kinder sight words :

- Kids build a strong foundation for reading, and a strong sense of confidence, too!
- This is the stage that transforms beginners into proud readers who can proclaim, "I read the whole book!"
- Sight words are common, but cannot always be sounded out.
- Three sight words taught per book, 30 total in the set.
- Let kids attempt new sight words using phonics clues or illustrations, but jump in with help when needed.

Texts:

- My Father's World
- Bob books
- Kinder sight words

English: Reading

Course Description:

SJA incorporates God's Creation from A to Z and Explode the Code into the Reading class time for our youngest students.

God's Creation from A to Z:

- Focus: A year-long, Bible-centered learning adventure that integrates subjects like math, reading, language arts, science, art, and music.
- Structure: The program consists of 32 weeks, with the first two weeks dedicated to the creation story from Genesis, followed by 26 weekly unit studies.
- Methodology: Each weekly unit study focuses on a letter of the alphabet and a related science topic, incorporating hands-on activities, simple science projects, related Bible concepts, and children's literature.

Explode the Code :

- Orton-Gillingham based program using systematic phonics instruction with multisensory activities.
- Students progress through the workbooks and build essential reading skills, including phonological and phonemic awareness, fluency, vocabulary, comprehension, writing, and more.

Texts:

- God's Creation from A to Z
- Explode the Code

Course Description:

A precursor to Drawn into the Heart of Reading, Little Hearts for His Glory contains a schedule for emerging readers. This schedule is carefully planned to utilize interesting books that gradually increase in reading difficulty throughout the year.

Genres Covered:

Biography – Adventure – Historical Fiction – Fantasy – Mystery – Folk Tale – Nonfiction – Humor – Realistic Fiction

Featured Projects:

- Diorama
- Quilt of Facts
- Museum Exhibit
- Character Poster

Book List

- **The Beginner's Bible**
- **Owl at Home**
- **Frog and Toad all Year**
- **Wagon Wheels**
- **Amelia Bedelia**
- **Buffalo Bill and the Pony Express**
- **Prairie School**
- **First Flight**
- **Tornado**
- **Animal Adventures**
- **The Bears on Hemlock Mountain**
- **The Courage of Sarah Noble**
- **I Survived: Shark Attack 1916**

Texts:

- Little Hearts For His Glory
- Beyond Little Hearts For His Glory

Course Description:

Drawn into the Heart of Reading is a multi-age, Christian, literature program for students in grades 2-8. Designed to help students appreciate and enjoy nine different types of literature, this program works with any books you choose. With engaging books and Godly character lessons at its core, this program will draw your students into the heart of reading. The program's design ensures your children will read from every type of literature, creatively learn needed skills for each genre, respond using various learning styles, and discover new kinds of books to love!

Featured Projects:

- Diorama
- Quilt of Facts
- Museum Exhibit
- Character Poster

Genre List:

- Biography
- Adventure
- Historical Fiction
- Fantasy
- Mystery
- Folk Tale
- Nonfiction
- Humor
- Realistic Fiction

Texts:

- Drawn into the Heart of Reading

English: Grammar

Course Description:

Easy Grammar uses a spiral approach that builds upon previously learned concepts to promote mastery learning over time. Lessons are short (5-10 minutes) and follow the same format of: capitalization, punctuation, lesson, and sentences (where students practice sentence formation for days 1-89 and sentence combining for days 90-180). Suggestions for teaching key terms/concepts (like "capitalization" and "capital" or "lowercase") are provided. This course is formatted for teacher involvement; teachers read the explanation and examples first, followed by the student.

Grammar:

Capitalization

Punctuation

Parts of Speech

- Nouns
- Verbs
- Adverbs
- Adjectives
- Pronouns

Sentence Combining

Rhyming Words

Synonyms/Antonyms/Homonyms

Prefixes/Roots/Suffixes

Dictionary Entries

Syllables

Subject/Verb Agreement

Sentence Types

Alphabetizing

Texts:

- Easy Grammar

Course Description:

This two-semester sequence is designed for elementary students using the Charlotte Mason method. Topics covered include nature journaling, the science of botany, seeded and seedless plants, grouping plants, seeds and germination, angiosperms – flowering plants, flower families, pollination, seeds, fruits and vegetables, leaves, photosynthesis, transpiration, roots and root systems, stems, gardening, trees, gymnosperms, seedless & vascular plants, and mycology. The course includes over 75 possible activities, including building (and harvesting) a raised garden, making a tree field guide, building a light hut, growing edible mushrooms, and building a lichenometer.

Unit Outline:

Module 1 – Nature Journaling, Science of Botany, Vascular System, Seedless Plants

Module 2 – Sleeping Seeds, Testae, Anatomy of a Seed, Germination

Module 3 – Flowering Plants, Flower Families

Module 4 – Pollination, Bees, Other Insects, Pollinators, Pollinated Flower

Module 5 – Flower's Fruit, Fruits and Veggies, Fruit Kinds, Dry Fruit, Seed Scattering

Module 6 – Leaf Mouths, Making Food, Photosynthesis, Sunshine Energy, Transpiration, Falling Leaves, Anatomy of a Leaf, Simple and Compound Leaves, Leaf Arrangement, Leaf Venation, Leaf Shapes, Leaf Margins

Module 7 – Good Soil, Nutritious Soil, Root Hairs, Root Growth, Preventing Erosion, Floating Roots, Geotropism, Root Systems, Geophytes, Rooting

Module 8 – Plant Structure, Succulent Plants, Auxins, Phototropism

Module 9 – Edible Garden, Gardening, Soil, Planting, Seedlings, Irrigation, Maintaining

Module 10 – Trees, Animal Shelter, Seed Making, Growth and Anatomy, Trunks

Module 11 – Uncovered Seeds, Conifers, Cycads, Ginkgo Biloba, Forests, Forest Fires

Module 12 – Sporangium, Fern Anatomy and Lifecycle, Pteridomania, Type of Ferns

Module 13 – Brophytes, Mosses, Liverworts, Lichens

Module 14 – Fungi, Consumers, Yeasts, Molds, Mushrooms, Spores, Saprotrophs, Fairy Rings, Parasitic, Mycorrhizal

Texts:

- Apologia: Exploring Creation with Botany
- Botany Junior Notebooking Journal

Course Description:

This two-semester sequence is designed for elementary students using the Charlotte Mason method. The course includes over 75 possible activities and uses the text: Exploring Creation with Zoology I: Flying Creatures of the Fifth Day by Jeannie Fulbright.

Featured Projects:

- Excavating bones in the sand
- Turning feathers into quills
- Fashioning 3D models of animals, using playdoh, clay, recyclables and other materials

Unit Outline:

Module 1 – Observing Nature, Animal Classification, Habitats, Creature Features, Extinction, Endangered, Extinction Errors

Module 2 – Entomology, Identifying Insects, Cold-Blooded, Insect Anatomy, Head, Eyes, Mouths, Thorax, Abdomen

Module 3 – Lepidopteras, Metamorphosis, Pupas, Anatomy, Migration, Life Spans,

Module 4 – Ants, Termites, Hymenoptera

Module 5 – Bees, Honeybees, Wasps

Module 6 – Beetles, Fireflies, Ladybugs, Diptera, Flies, Mosquitos, Bugs, Fruit Flies

Module 7 – Praying Mantises, Dragonflies, Chirping Critters, Othoptera Life Cycles,

Module 8 – Paleontology, Pterosaurs, Fossils, Amber

Module 9 – Birds, Benefits, Identification, Feeders, Bird Sounds, Banding

Module 10 – Feathers, Features, Couture, Wing and Tail, Down, Semiplume, Filoplume, Bristle, Preening, Color, Bathing, Sunning

Module 11 – Bones, Wingspans, Muscles, Flying, Steering, Gliding, Seabirds, Migration

Module 12 – Nests, Builders, Owls, Birdhouses

Module 13 – Mating, Hummingbirds, Habitat, Eggs, Chicks

Module 14 – Bats, Food, Anatomy, Echolocation, Habits, Habitats, Homes, Pups

Texts:

- Apologia: Exploring Creation with Zoology I: Flying Creatures of the Fifth Day
- Zoology I: Junior Notebooking Journal

Course Description:

This two semester sequence is designed for elementary students using Apologia's Exploring Creation with Chemistry and Physics by Jeannie Fulbright. Supplemental resources and enrichment activities are integrated by Portals Academy.

Unit Outline:

Module 1 - Introductions, formation of matter, mass, density, hardness, properties of matter

Module 2 - Atoms, stages of matter, viscosity, conversion of solid, liquid, gas

Module 3 - Types of atoms, charges, electrons, valence, elements, bonding

Module 4 - Crystallization, putty, plastics, acids, reactions

Module 5 - Heterogeneous mixtures, homogeneous mixtures

Module 6 - Mechanics, Newton's Laws of Motion

Module 7 - Friction, adhesion, gravity, acceleration, centripetal force

Module 8 - Energy, forms of energy, energy production, conservation

Module 9 - Sound, conduction, speed, frequency, sonar, ultrasound, acoustics

Module 10 - Light, stars, radiation, sources of light, beams, waves, spectrum, refraction.

Module 11 - Thermodynamics, laws of thermodynamics, convection, conduction, insulation, combustion, measuring heat, expansion

Module 12 - Charges, static, current, power lines and generators, circuits, types of circuits, symbols for electronics

Module 13 - Magnetism, poles, compasses, use of magnets

Module 14 - Simple machines, typical, inclines, wedges, levers, pulleys, wheels, axles, gears

Texts:

- Apologia: Exploring Creation with Chemistry and Physics
- Chemistry and Physics Junior Notebooking Journal

Course Description:

This is an approximately 30 week course. Assessment for this course is based on parent determination. Math U See Description: The Primer level is an introduction to “doing math.” The emphasis of the Primer level is not for the students to demonstrate mastery of concepts and skills but to become familiar with them and ease into formal learning. Students will learn how to write numerals and basic counting. Additionally, students will be introduced to addition and subtraction, skip counting, geometric shapes, and telling time. They will become familiar with the Math-U-See Manipulatives and develop a positive attitude towards learning math.

Unit Outline:

Lesson 1 – Number Recognition

Lesson 2 – Writing Numerals

Lesson 3 – Number Recognition and Writing Numerals

Lesson 4 – Geometric Shapes: Rectangles

Lesson 5 – Number Recognition and Writing Numerals

Lesson 6 – Geometric Shapes: Circles

Lesson 7 – Number Recognition and Writing Numerals

Lesson 8 – Geometric Shapes: Triangles

Lesson 9 – Place Value: Units and Tens

Lesson 10 – Place Value: Hundreds

Lesson 11 – Unit Bars

Lesson 12 – Addition: Introduction and Symbol

Lesson 13 – Addition: +1

Lesson 14 – Counting to 20

Lesson 15 – Addition: 2+2 and 3+3; Vertical Addition

Lesson 16 – Shapes: Squares; Addition: 4+4 and 5+5

Lesson 17 – Skip Counting by Two

Lesson 18 – Addition of Tens

Lesson 19 – Skip Counting by 10

Lesson 20 – Addition of Hundreds

Lesson 21 – Solving for an Unknown

Lesson 22 – Skip Counting by Five

Lesson 23 – Tally Marks

Lesson 24 – Making Ten

Lesson 25 – Skip Count to Find Area

Lesson 26 – Telling Time with Minutes

Lesson 27 – Telling Time with Hours

Lesson 28 – Telling Time with Minutes and Hours

Lesson 29 – Subtraction: Introduction and Symbol

Lesson 30 – Subtraction: -1

Texts:

- Math-U-See Primer Universal Set

Course Description:

This is an approximately 30 week course. Assessment for this course is based on chapter tests. Math U See Description: "Alpha focuses on building a strong foundation for the concepts of single-digit addition and subtraction. We use systematic teaching strategies to help your student commit addition and subtraction facts to memory."

Unit Outline:

Lesson 1 - Place Value and the Manipulatives	Lesson 15 - Addition: Making 10
Lesson 2 - Counting to 20	Lesson 16 - Addition: Making 9
Lesson 3 - Unit Bars	Lesson 17 - Addition of the Extras: $3+5$, $4+7$, $5+7$
Lesson 4 - Addition: Symbols, $+0$	Lesson 18 - Introduction to Subtraction
Lesson 5 - Addition: Commutative Property	Lesson 19 - Subtraction: -1 and -0
Lesson 6 - Counting to 100, Skip Counting	Lesson 20 - Subtraction: -2
Lesson 7 - Addition: $+2$	Lesson 21 - Subtraction: -9
Lesson 8 - Solve for an Unknown	Lesson 22 - Subtraction: -8
Lesson 9 - Addition: $+9$, Mental Math	Lesson 23 - Subtraction: Doubles
Lesson 10 - Addition: $+8$	Lesson 24 - Subtraction: Making 10
Lesson 11 - Shapes: Circles and Triangles	Lesson 25 - Subtraction: Making 9
Lesson 12 - Addition: Doubles	Lesson 26 - Subtraction: Extras
Lesson 13 - Rectangles, Squares; Skip Counting by 5	Lesson 27 - Subtraction by 7, or Adding Up by 3
Lesson 14 - Addition: Doubles $+1$ Associative Property	Lesson 28 - Subtraction by 6, or Adding Up by 4
	Lesson 29 - Subtraction by 5, or Adding Up by 5
	Lesson 30 - Subtraction by 3 and 4

Texts:

- Math-U-See Alpha Universal Set

Course Description:

This is an approximately 30 week course. Assessment for this course is based on chapter tests. Math U See Description: "Beta builds on the foundation in Alpha and advances to multiple-digit addition and subtraction. An important concept introduced in Alpha but expanded in Beta is the concept of place value. Understanding this concept is necessary for complete comprehension of multiple-digit operations. Our place value chart and math manipulatives allow your student to see place value in action."

Unit Outline:

Lesson 1 - Place Value and the Manipulatives	Lesson 16 - Thousands and Place-Value Notation
Lesson 2 - Sequencing; Word Problem Tips	Lesson 17 - Rounding to Thousands
Lesson 3 - Inequalities	Lesson 18 - Multiple-Digit Column Addition
Lesson 4 - Rounding to 10 and Estimation	Lesson 19 - More Multiple-Digit Column Addition
Lesson 5 - Multiple-Digit Addition	Lesson 20 - Multiple-Digit Subtraction
Lesson 6 - Skip Count by 2	Lesson 21 - Telling Time: Minutes
Lesson 7 - Addition with Regrouping	Lesson 22 - Subtraction with Regrouping
Lesson 8 - Skip Count by 10	Lesson 23 - Telling Time: Hours
Lesson 9 - Skip Count by 5	Lesson 24 - Subtraction: Three-Digit Numbers
Lesson 10 - Money: Decimal Point and Dollars	Lesson 25 - Ordinal Numbers; Tally Marks
Lesson 11 - Rounding to Hundreds	Lesson 26 - Subtraction: Four-Digit Numbers
Lesson 12 - Adding Money	Lesson 27 - Subtraction: Money
Lesson 13 - Column Addition	Lesson 28 - Subtraction: Multiple-Digit Numbers
Lesson 14 - Measurement: 12 Inches = 1 Foot	Lesson 29 - Reading Gauges and Thermometers
Lesson 15 - Perimeter	Lesson 30 - Bar Graphs and Line Graphs

Texts:

- Math-U-See Beta Universal Set

Course Description:

SJA uses an online platform called Duolingo for students to experience Spanish in an easy to learn platform. Duolingo's slogan is "You learn by doing." Students follow along with the sections at their own pace with weekly classroom goals.

Section reviews and end of end-of-semester assessments are used to record students progress and knowledge retention.

Concepts Covered:

Beginner Sections (1-3)

- The beginner sections of the Duolingo Spanish course focus on building a solid foundation in the language, covering essential vocabulary, basic grammar, and conversational skills.

Course Description:

SJA uses an online program called Muzzy for students to experience French in an easy to learn platform. Developed by the BBC, Muzzy has an over 30-year history of success teaching millions of children around the world. Muzzy's simple and effective program teaches languages through fun and animated stories featuring Muzzy and friends. Each lesson has reinforcement learning tools, including online games, printable flashcards & printable worksheets.

Section reviews and end-of-semester assessments are used to record students' progress and knowledge retention.

Concepts Covered:

- how to introduce yourself
- greetings
- manners
- numbers
- colors
- foods
- body parts
- weather
- other functional language appropriate to beginning-level French.

Course Description:

Physical education courses aim to foster lifelong physical activity and well-being, focusing on developing motor skills, promoting fitness, and fostering social and emotional growth through various activities and sports.

Concepts Covered:

Develop Physical Competence:

- Students will learn and refine motor skills, movement patterns, and strategies for various physical activities.

Promote Physical Fitness:

- The curriculum will emphasize the importance of cardiovascular endurance, muscular strength, flexibility, and body composition, encouraging students to achieve and maintain a health-enhancing level of fitness.

Foster Social and Emotional Development:

- PE classes provide opportunities for teamwork, cooperation, and sportsmanship, promoting positive social interactions, and emotional resilience.

Encourage Lifelong Physical Activity:

- The goal is to instill a love for physical activity and encourage students to adopt active lifestyles that benefit their physical and mental health.

Typical Activities and Units:

- Students will participate in various team sports like pickleball, basketball, soccer, volleyball, and flag football, learning rules, strategies, and teamwork skills.
- Individual and Dual Sports like tennis and badminton, will allow students to develop individual skills and strategies.
- Students will engage in activities that target different fitness components, such as running, jumping, strength training, and cardio exercises.

Key Skills Developed:

- Motor Skills:
 - Throwing, catching, kicking, running, and other fundamental movement skills.
- Fitness Skills:
 - Cardiovascular endurance, muscular strength, flexibility, and body composition.
- Social Skills:
 - Teamwork, cooperation, sportsmanship, and respect for others.
- Cognitive Skills:
 - Problem-solving, decision-making, and critical thinking in the context of physical activity.

SJA's 4:1 school week makes room for Xperiences inside and outside of the classroom. Here is a list of in and out Xperiences for the school year!

- Gambia Missions with Card making
- Veterans Memorial with letters to Veterans
- K-3rd Fire Station tour
- 4-8th Cowing Robards
- Serve at Titus 2 Ministries
- K-2nd Gymnastics
- 3-8th Pickleball lesson
- Viking Bank tour
- Apol's Harley-Davidson
- Church for the Harvest tour
- Alexandria Covenant Church tour with Zumba
- A Maze'n Farmyard
- Vintage Village
- Operation Christmas Child Box packing
- Cornerstone Pines
- 6-8th Blankets of Love
- 6-8th Thanksgiving Dinner set-up
- Science Museum of MN
- Alexandria Police Station Tour
- Douglas County Sheriff Tour
- Douglas County Jail Tour
- KXRA Radio Station Tour
- Tastefully Simple
- Knute Nelson Caroling
- Kensington Park Runestone
- Tanning animal hides
- Fagan Fighter Museum
- Laser Engraving
- 6-8th Youth Day at the Capitol
- Andes Ski Day
- Lake Geneva Christian Center Day
- Nice Jucery Tour
- Common Ground Tour
- Alexandria Axe Throwing
- Hope Community Church Glenwood
- 3-8th Storehouse Bean Packing
- Andria Theatre
- River of Life, Sauk Centre
- 6-8th Winsupply serve day
- 3-D Printing - Mother's Day Project
- K-3 and 6-8th LGCC serve day
- 4-5th Quilting Day
- New Life Church serve day
- Ninja Park Challenge day in SC

SJA's 4:1 school week makes room for Xperiences inside and outside of the classroom. Here is a list of in and out Xperiences for the school year!

- A Maze'n Farmyard
- 5-9th Car Care and Mike's In and Out
- K-4th Library and Mike's In and Out
- Inspiration Peak
- Carlos Creek Winery
- Vintage Village
- Art with Paul
- Carlos State Park
- Camp Ripley
- Veterans Day Celebration with Color Guard 21 Gun Salute
- 5-9th Blankets of Love Service Project
- K-4th Bus Cleaning Service Project
- Cornerstone Pines
- K-5th Movie at Knute Nelson
- North Memorial Ambulance Demo
- Christmas Celebration with Snowshoeing, Skiing, Giant Jenga, and Connect 4
- Andes Ski Day
- Aagard Tour - Engineering Building and Fabrication Building
- Reach Church Tour
- Lake Community Tour
- K-9 Police Demonstration
- Friendship Boxes and Bingo
- 6-9th Youth Day at the Capitol
- Dr. Rick Thiery Dentistry
- Hebrew Scroll
- Physical Therapy Demo with Rehab Authority
- Science Museum of MN
- 3-D Printing - Mother's Day Project
- Bowling Barn Tour and Bowling
- Inspiration Point - Team Building
- End of Year Celebration

SJA's 4:1 school week makes room for Xperiences inside and outside of the school walls. Here is a list of in and out Xperiences for the school year!

**COMING
SOON**