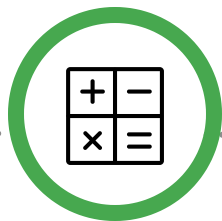


Upper Elementary: Ages 9-12



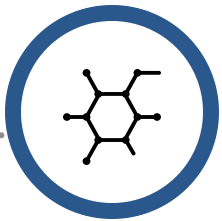
Language Arts

- Reading skills
 - Interpretive reading for comprehension
 - Classical children's literature
 - Literature circles
- Handwriting
- Advanced grammar and sentence analysis
 - Parts of speech
 - Subject/Predicate
 - Direct/Indirect object
 - Adjectival modifiers
 - Adverbial modifiers
- Word study/Mechanics
 - Capitalization
 - Punctuation
 - Prefix/Suffix
 - Homonyms
 - Etymology
- Literary elements
 - Genre
 - Setting
 - Plot
 - Theme
 - Conflict/resolution
 - Climax
 - Character analysis
- Spelling
- Vocabulary



Math

- Math fact automaticity
- Concrete to abstract in all operations
 - Fractions
 - Comparing
 - Reducing/Simplifying
 - Mixed, proper/improper
 - Operations
- Decimals and Percents
 - Comparing and converting
 - Operations
- Practical applications in single and multi-step problem solving
- Time: equivalent and operations
- Money: equivalent and operations
- Beginning statistics: data gathering, graphing, and analysis
- Ratios and proportions
- Number theory
 - Place value
 - Factors/Multiples
 - Primes/Composites
 - Rounding/Estimation
 - Exponential
 - Scientific Notation
 - Roots
- Pre-algebra
 - Order of operations
 - Integers
 - Rational Numbers



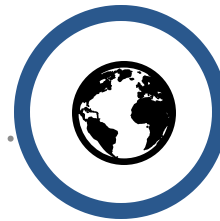
Science

- Scientific method and experiments
- Life science
 - Kingdoms of life
 - Animal/Plant classification
 - Structure and Function of internal/external parts
 - Life cycles
 - Ecology
- Anatomy
 - Cells
 - Tissues
 - Organs
 - Systems
 - Health and nutrition
- Earth science
 - Solar system
 - Weather
 - Astronomy
 - Oceanography
 - Geology and mineralogy
- Physical science
 - Gravity
 - Magnetism
 - Light
 - Sound
 - Electricity
 - Motion
 - Heat
- Science Fair



Practical Life

- Community meetings
 - Conflict resolution
 - Respect for self, others, and environment
- Grace and courtesy
 - Manners
 - Classroom protocol
 - Greeting and Introductions
 - Care of indoor and outdoor environments
- Community service
 - Class jobs
 - Recycling
 - Social conscience and community projects
- Field Studies: related curricular studies
- Environmental trips
 - Team building activities
 - Interdisciplinary studies
- Time management
 - Planning skills
 - Work organization



Cultural Studies

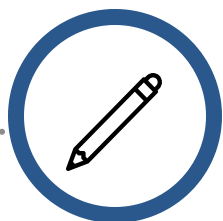
- History
 - Creation of the universe
 - Evolution of life and early humans
 - Fundamental needs of humans
- Ancient civilizations
 - Mesopotamians
 - Egyptians
 - Greeks
 - Romans
- American history
 - Native Americans
 - Early explorers
 - Colonization
 - American Revolution
 - Westward expansion
- Geography
 - Physical geography
 - Continents
 - Countries
 - Advanced land and water forms
 - Biomes of the world
 - Cultural geography
 - Regions
 - Cultures
 - Economic geography
 - Natural resources
 - Imports/Exports
- Multicultural Fair



Library and Research

- Research
 - Identifying topics: key words, 5 Ws, source selection
 - Locating sources: call numbers, digital search databases, Dewey
 - Extracting information
 - Using key words and headers
 - Fact/opinion
 - Reading tables and graphs
 - Plagiarism and copyright
 - Trash and treasure/Skim and scan
 - Dot note taking
 - Surveys and checklists
 - Synthesizing data
 - Graphic organizers, charts, tables
 - Flip books, fan books, pop-ups
 - Alternative delivery methods
 - Self/ peer evaluation, surveys
- Selecting and using reference books
 - Dictionaries and thesaurus: parts of speech, etymologies, definitions
 - Almanacs
 - Atlas: map types, scale, cardinal directions, latitude/longitude
 - Encyclopedia: indices, articles, guide words, headers/subheaders
- Basic keyboarding and Microsoft Word
- Digital timelines
- Online Britannica and online citations
- Basic internet usage: key words, hyperlinks, online dictionaries, URLs

Upper Elementary: Ages 9-12



Writing

Multi-step writing process

- Prewriting
 - Rough Draft
 - Editing
 - Revision
 - Final Draft
- Compositions:
- Creative
 - Expository
 - Descriptive
 - Narrative
 - Persuasive
 - Compare/Contrast
 - Five paragraph essay
- Book Reviews
Writing Journal
Letter Writing
Poetry



Spanish

Beginner and advanced offerings

Casual conversations
Vocabulary: numbers through 1,000,000, doctors, restaurants, professions and hobbies, calendar, clock, shopping, home and household chores, city

Grammar: infinitive verbs, ser and estar, present tense of regular and irregular verbs

Reading: short stories and short chapter books

Culture and Social Studies: basic country facts, culture, sports, food, celebrations, tourism, influential people

Mayas, Aztecs and Incas

Advanced: review advanced grammar and spelling, conduct research, read, and write at advanced levels.



Physical Education

Cardiovascular activities

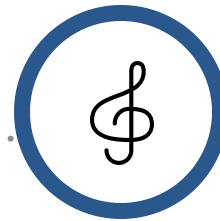
- Pacing
 - One mile run
- Strength and flexibility exercises
- Cooperative games
- Sportsmanship and Teamwork
- Team sports
- Respect for self and others
- Goal setting
- Lifetime activities
- Bowling
 - Biking
 - Aerobics
 - Dancing



Fine Arts

Elements

- Color (primary, secondary, tertiary)
 - Value
 - Texture
 - Shape
 - Form
 - Space
 - Line
- Design Principles
- Unity (related to Harmony)
 - Emphasis
 - Balance (related to Proportion)
 - Variety
 - Repetition (related to Rhythm, Movement, Pattern)
- Use of a variety of media
- Study of Artists and art history
- Visual Literacy
- “Reading” art for Information



Music

Creating complex folk dances

Time Periods of music and major composers

Singing major, minor, and modal folk songs

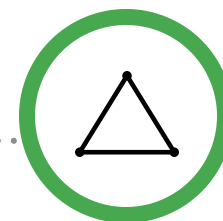
Sight-reading major and minor melodies using solfege and absolute note names

Notating known complex melodic and rhythmic patterns in staff notation

Playing three or more part folk song arrangements on barred instruments

Playing three or more part complementary rhythms on un-pitched instruments

Singing in canon and simple harmonies



Geometry

Advanced study of nomenclature

Geometric shapes concepts

Characteristics

- Perimeter and Area
- Points, lines, and angles
- Properties of triangles, quadrilaterals, and circles
- Congruence and similarity
- Equality, equivalence, symmetry

Geometric solids concepts

- Characteristics
- Surface
- Volume

Metric and customary units of measurements

Theorem of Pythagoras