

# Lower Elementary Level: Ages 6-9

Language Arts and Writing	Math and Geometry	Science	Cultural Studies	Spanish	Research and Technology
<p>Great Lesson: The Story of Language</p> <p>Literature circles: all genre</p> <p>Caldecott reading program</p> <p>Reading</p> <ul style="list-style-type: none"> <li>Decoding Skills</li> <li>Comprehension                             <ul style="list-style-type: none"> <li>Sequencing</li> <li>Main idea</li> <li>Details</li> <li>Vocabulary</li> <li>Drawing conclusions</li> <li>Making inferences</li> <li>Cause and effect</li> </ul> </li> </ul> <p>Handwriting</p> <ul style="list-style-type: none"> <li>D'Nealian manuscript</li> <li>D'Nealian cursive</li> </ul> <p>Grammar/sentence analysis</p> <ul style="list-style-type: none"> <li>Basic parts of speech</li> <li>Subject and predicate</li> </ul> <p>Word study skills</p> <ul style="list-style-type: none"> <li>Alphabetical order</li> <li>Synonyms/Antonyms</li> <li>Prefixes/Suffixes</li> <li>Contractions</li> <li>Compound words</li> <li>Homonyms</li> <li>Plurals</li> </ul>	<p>Great lesson: The Story of Numbers</p> <p>Concrete and abstract work in all operations</p> <p>Place value</p> <p>Money</p> <p>Time</p> <p>Arithmetic math facts</p> <p>Study of binomials</p> <p>Fractions</p> <ul style="list-style-type: none"> <li>Simple operations</li> <li>Equivalencies</li> </ul> <p>Measurement: length and temperature, standard and metric</p> <p>Word problems: all operations</p> <p>Algebra: concrete materials</p> <p>Number relationships</p> <ul style="list-style-type: none"> <li>Estimation/Rounding</li> <li>&gt;, &lt;, =</li> </ul> <p>Graphs/ data interpretation</p> <p>Geometric plane figures</p> <ul style="list-style-type: none"> <li>Circles</li> <li>Squares and rectangles</li> <li>Triangle</li> <li>Quadrilaterals</li> <li>Polygons</li> <li>Curved figures</li> </ul> <p>Study of geometric solids</p> <p>Basic concepts of lines and angles</p> <p>Measurement: perimeter</p>	<p>Physical Science</p> <ul style="list-style-type: none"> <li>Experiments relative to the formation of the universe and earth</li> <li>States of matter</li> <li>Gravity</li> <li>Temperature</li> <li>Density</li> <li>Chemical reactions</li> <li>Properties of water</li> <li>Magnetism</li> <li>Simple machines</li> </ul> <p>Zoology</p> <ul style="list-style-type: none"> <li>Vertebrate and invertebrate classification, characteristics, and internal/external parts</li> <li>Animal kingdom</li> </ul> <p>Botany</p> <ul style="list-style-type: none"> <li>Parts of plant - advanced</li> <li>Experiments</li> <li>Botany charts</li> <li>Plant kingdom</li> <li>Vegetable and flower gardening</li> </ul> <p>Anatomy</p> <ul style="list-style-type: none"> <li>Parts of the body</li> <li>Systems of the body</li> </ul>	<p>History</p> <ul style="list-style-type: none"> <li>Great Lesson: Formation of the Universe</li> <li>Clock of Eras</li> <li>Timeline of Life</li> <li>Study of the calendar</li> <li>Fundamental Needs of Humans</li> <li>BCE/CE timeline</li> </ul> <p>Geography</p> <ul style="list-style-type: none"> <li>Physical                             <ul style="list-style-type: none"> <li>Land and water forms</li> <li>Biomes</li> </ul> </li> <li>Functional                             <ul style="list-style-type: none"> <li>Sun, moon, planets and internal/external atmospheres</li> <li>Volcanoes</li> <li>Rocks and minerals</li> <li>Earth studies</li> </ul> </li> <li>Political                             <ul style="list-style-type: none"> <li>Flags</li> <li>Countries</li> <li>States</li> <li>Capitals</li> </ul> </li> </ul> <p>Maps, Globes, and Graphs</p>	<p><b>Students are assessed regularly and grouped by ability in reading, writing, and conversational Spanish</b></p> <p>Vocabulary</p> <ul style="list-style-type: none"> <li>Days of the week</li> <li>Seasons</li> <li>Animals</li> <li>Transportation</li> <li>Clothing</li> <li>Family members</li> <li>Parts of the body</li> <li>Math terms</li> <li>The city</li> <li>Numbers</li> <li>Colors</li> <li>Professions</li> <li>Around the house</li> </ul> <p>Simple sentence structure</p> <p>Reading along with the teacher</p> <p>Hispanic culture</p>	<p>Parts of a book</p> <ul style="list-style-type: none"> <li>Table of contents and indices</li> <li>Glossary</li> <li>Captions</li> <li>Fact boxes</li> </ul> <p>Big 6 research model</p> <ul style="list-style-type: none"> <li>Identifying topics: 5 W's</li> <li>Locating sources                             <ul style="list-style-type: none"> <li>Call numbers</li> <li>Basic card catalog (Dewey)</li> </ul> </li> <li>Extracting data                             <ul style="list-style-type: none"> <li>Key words and headers</li> <li>Reading tables</li> </ul> </li> <li>Synthesizing data                             <ul style="list-style-type: none"> <li>Sequencing charts</li> <li>Visual organizers</li> <li>Bar charts/ tables</li> <li>Flip, fan, pop-up books</li> </ul> </li> </ul> <p>Reference books</p> <ul style="list-style-type: none"> <li>Dictionaries/Thesaurus</li> <li>Atlas</li> <li>Field guide</li> <li>Encyclopedia</li> </ul> <p>Non-fiction books/biographies</p> <p>Database book searches</p> <p>Basic keyboarding</p> <p>Digital timelines</p> <p>Microsoft Word</p> <p>Online Britannica for Elementary Students</p>
Writing	Physical Education	Fine Arts	Practical Life	Theatre	Music
<p>Writing process</p> <ul style="list-style-type: none"> <li>Prewriting activities, rough drafts, revision, editing, final draft</li> </ul> <p>Compositions</p> <ul style="list-style-type: none"> <li>Reports</li> <li>Creative writing</li> <li>Poetry</li> </ul> <p>Mechanics of writing</p> <ul style="list-style-type: none"> <li>Spelling</li> <li>Capitalization</li> <li>Punctuation</li> </ul> <p>Usage</p>	<p>Gross motor movement</p> <p>Cardiovascular activities</p> <p>Strength and Flexibility exercises</p> <p>Sportsmanship</p> <p>Cooperative games</p> <p>Lead-up games for team sports</p> <p>Lifetime activities</p> <ul style="list-style-type: none"> <li>Bowling</li> <li>Aerobics</li> <li>Dancing</li> </ul>	<p>Elements</p> <ul style="list-style-type: none"> <li>Color (primary, secondary)</li> <li>Value</li> <li>Texture</li> <li>Form</li> <li>Space</li> <li>Line</li> <li>Shape</li> </ul> <p>Design principles</p> <ul style="list-style-type: none"> <li>Unity (related to Harmony)</li> <li>Emphasis</li> <li>Balance (related to Proportion)</li> <li>Variety</li> <li>Repetition (related to Rhythm, Movement, Pattern)</li> </ul> <p>Visual Literacy</p> <p>"Reading" art for information</p> <p>Study of artists and art history</p> <p>Use of a variety of media</p>	<p>Care of indoor and outdoor environments</p> <p>Grace and courtesy</p> <p>Overnight experience (lock-in)</p> <p>Public etiquette (field trips)</p>	<p>Reader's Theatre</p> <ul style="list-style-type: none"> <li>Multicultural</li> <li>Mythology</li> <li>Legends/Folktales</li> </ul> <p>Day of Drama</p>	<p>Walk to a steady beat and clap the rhythm of the song or chant</p> <p>Sequence movement with a partner or group</p> <p>Time Periods of music and major composers</p> <p>Creative expression in movement</p> <p>Singing pentatonic and diatonic folk songs</p> <p>Reading and notating simple rhythm patterns</p> <p>Notating known pentatonic melodies in staff notation</p> <p>Playing simple accompaniments on barred instruments</p> <p>Playing simple rhythm patterns on pitched and un-pitched instruments</p>