

Grade	Thematic Blocks	Content Areas	Academic Skills	Social/Emotional/Behavioral
1	<p><b>Nature Stories</b></p> <p><b>Fairy Tales</b></p> <p><b>Fables from Around the World</b></p>	<p><b>Math:</b> Number patterns, manipulate numbers up to 24 with the four processes of addition, subtraction, multiplication, and division</p> <p><b>Language Arts:</b> Letters of the alphabet; word families; exercises in reading, writing, and speech; story properties; drama</p> <p><b>Science:</b> Observation of phenomena through animal time &amp; nature walks</p> <p><b>Art:</b> Form drawing, watercolor painting, crayon illustration</p> <p><b>Music:</b> Pentatonic flute, singing</p> <p><b>Handwork:</b> Knitting</p> <p><b>Movement Activities, Games</b></p>	<ul style="list-style-type: none"> <li>• Listen and recall orally presented stories</li> <li>• Memorize poems and accompanying gestures</li> <li>• Listen to instructions, maintain focus</li> <li>• Recognize sounds &amp; shapes of capital letters</li> <li>• Know alphabetical order of letters</li> <li>• Recognize sounds in words and rhymes</li> <li>• Grip writing implement correctly</li> <li>• Copy letters or illustrations from blackboard</li> <li>• Recognize sentences</li> <li>• Read simple sentences through word recognition</li> <li>• Identify number patterns in nature</li> <li>• Write numerals 1-12</li> <li>• Recognize and count numerals 1-20</li> <li>• Count numerals 1-100</li> <li>• Recognize 4 operations and symbols</li> <li>• Execute simple problems using manipulative</li> <li>• Write calculations/equations</li> <li>• Count by 2s, 3s, 5s, 10s</li> </ul>	<ul style="list-style-type: none"> <li>• Respect adults &amp; teachers</li> <li>• Raise hand to speak, take turns</li> <li>• Become a member of the class, adjusting self needs to the needs of the group or class activity</li> <li>• Treat animals, nature, classroom items, and fellow students with respect</li> <li>• Work through challenging tasks &amp; frustration</li> <li>• Respond to guidance</li> <li>• Develop etiquette, use of "please" and "thank you"</li> </ul>

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2	<p><b>World Myths</b></p> <p><b>Stories of Saints &amp; Peace-makers</b></p> <p><b>Fables with consequential, moral or ethical lessons</b></p>	<p><b>Math:</b> Place value (1–1,000), addition and subtraction of large numbers by carrying and borrowing, regrouping, number patterns, all four arithmetical operations, multiplication tables</p> <p><b>Language Arts:</b> Phonetics; reading and writing letters; words and sentences; drama; reading in groups; speech; story properties; drama</p>	<ul style="list-style-type: none"> <li>• Demonstrate listening, memory, &amp; comprehension through story recall; take simple dictation</li> <li>• Recognize, write, &amp; read upper case, lower case, &amp; cursive/printed letters</li> <li>• Write with decreasing size &amp; increasing accuracy &amp; spatial arrangement</li> <li>• Participate in composing a story synopsis</li> <li>• Compose simple sentences, knowing that a sentence begins with a capital, ends with a period, names a subject, and tells what it does</li> <li>• Read self-constructed sentences, read &amp; write simple word families</li> <li>• Phonics: long/short vowel sounds, diphthongs, vowel/consonant blends</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to develop social skills initiated in first grade: reverence for teachers &amp; classmates, integration of self needs with the needs of the class</li> <li>• Contribute to the community of the class, helping others, doing classroom chores, being willing to do what is asked</li> </ul>
	<p><b>Mathematics</b></p>	<p><b>Science:</b> Observation of phenomena through animal time &amp; nature walks</p> <p><b>Art:</b> Form drawing, watercolor painting, crayon illustration</p> <p><b>Music:</b> Pentatonic flute, singing</p> <p><b>Handwork:</b> Knitting or crocheting</p> <p><b>Movement Activities, Games</b></p>	<ul style="list-style-type: none"> <li>• Begin reading books</li> <li>• Recognize and write numbers 1–100</li> <li>• Master counting by 2, 3, 4, 5, 10, 11, &amp; begin counting by 6,7,8,9,12</li> <li>• Practice using place value</li> <li>• Add &amp; subtract up to three columns of numbers with regrouping</li> <li>• Practice mental calculations in all four operations</li> <li>• Begin working with with money, time, months, days of the week</li> <li>• Recognize odd &amp; even numbers</li> </ul>	<ul style="list-style-type: none"> <li>• Begin to work individually and cooperatively within small groups</li> <li>• Work efficiently within the large group</li> <li>• Reinforce and encourage good manners</li> <li>• Begin to work with process to resolve conflicts</li> <li>• Develop listening skills and empathy</li> </ul>

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3	<p><b>Hebrew Stories</b></p> <p><b>Native American Stories</b></p> <p><b>Measurement &amp; Time</b></p> <p><b>Indigenous Peoples: Shelter, Clothing &amp; Agriculture</b></p>	<p><b>Math:</b> Calculate with time, money, measurement; continued practice with the four arithmetical processes and the multiplication tables.</p> <p><b>Language Arts:</b> Reading, composition and grammar, cursive writing, spelling, drama</p> <p><b>Science:</b> Farming, animal arts, and gardening</p> <p><b>Art:</b> Watercolor technique, drawing</p> <p><b>Music:</b> Recorder, choral singing</p> <p><b>Handwork:</b> Knitting and crocheting, basketry</p> <p><b>Movement Activities, Games</b></p>	<ul style="list-style-type: none"> <li>• Comprehend and recall presentations the next day</li> <li>• Speak clearly in class discussions</li> <li>• Improve printing &amp; master cursive writing</li> <li>• Strengthen sentence composition and write paragraphs (there will be varied abilities in the class)</li> <li>• Apply four operations to larger numbers &amp; work with place value in larger numbers</li> <li>• Master telling time &amp; solve problems relating to money</li> <li>• Check solutions to calculations using the inverse operation</li> <li>• Observe number patterns</li> <li>• Discover prime and square numbers</li> <li>• Master multiplication tables 1–12</li> <li>• Begin long division</li> <li>• Practice reading &amp; solving word problems</li> <li>• Begin measurements: linear, liquid, dry, weight</li> <li>• Begin to recognize parts of speech: noun, verb, adjective, adverb</li> <li>• Work with basic punctuation</li> <li>• Practice spelling, words generated from lesson content</li> <li>• Take dictation, several sentences at time</li> <li>• Continue reading, arrive at grade level by the end of the school year</li> <li>• Read aloud fluently with inflection and attention to punctuation cues</li> <li>• Examine primitive house building techniques &amp; relate materials used to the surrounding environment &amp; cultures</li> <li>• Observe modern-day construction, trades involved</li> <li>• Understand the origin of a piece of clothing by experiencing the fiber arts</li> <li>• Observe animal husbandry and crop cultivation, importance of grain &amp; food</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate increasing awareness of group needs and contribute to the class well-being</li> <li>• Take turns, speak/listen, support others, classroom chores</li> <li>• Participate in both individual and collaborative work</li> <li>• Resolve conflicts with respect and self-control</li> <li>• Reinforce and encourage good manners</li> <li>• Develop listening skills and empathy</li> </ul>

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4	<b>Norse Mythology</b>	<b>Math:</b> Fractions, long division, averages, factoring, simple geometric forms	<ul style="list-style-type: none"> <li>• Demonstrate oral comprehension and recall; memorize &amp; recite poems perform in plays</li> </ul>	<ul style="list-style-type: none"> <li>• Participate in individual and collaborative work</li> </ul>
	<b>Regional History &amp; Geography</b>	<b>Language Arts:</b> Grammar, composition, research project, drama	<ul style="list-style-type: none"> <li>• Apply capitalization &amp; punctuation rules</li> <li>• Understand four types of sentences (declarative, interrogative, command, &amp; exclamation) &amp; use corresponding punctuation</li> </ul>	<ul style="list-style-type: none"> <li>• Participate in social activities and practice social inclusion of others</li> </ul>
	<b>Indigenous History</b>	<b>Science:</b> Animal physiology, environmental science	<ul style="list-style-type: none"> <li>• Write three sequential paragraphs with an initial sentence, supporting material, closure</li> <li>• Compose an informal letter &amp; first research project</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate awareness of group needs and respond with appropriate action and willingness to help</li> </ul>
	<b>Fractions</b>	<b>History &amp; World Cultures:</b> North Carolina history and geography, map making	<ul style="list-style-type: none"> <li>• Understand parts of speech &amp; verb tenses</li> <li>• Begin to use spelling rules, alphabetize, use dictionary</li> <li>• Write &amp; edit compositions on main lesson themes</li> <li>• Decode more complex words; read aloud with fluency</li> <li>• Read independently for 30 minutes; comprehend, recall, &amp; discuss what was read</li> </ul>	<ul style="list-style-type: none"> <li>• Show respect for teacher, classmates, property, and materials</li> </ul>
	<b>Grammar &amp; Sentences</b>	<b>Art:</b> Watercolor, form drawing, clay modeling	<ul style="list-style-type: none"> <li>• Master four operations with multiple-digit numbers using estimation &amp; rounding off</li> <li>• Long division with multiples of 10 &amp; 2-digit numbers</li> <li>• Place value and signs of operation</li> </ul>	<ul style="list-style-type: none"> <li>• Work with positive attitude and be open to feedback even through difficulties</li> </ul>
		<b>Music:</b> Recorder, choral singing, scales, notation	<ul style="list-style-type: none"> <li>• Problems using measurement of time, linear, dry/liquid</li> <li>• Practice "mental math" without manipulatives</li> <li>• Word problems with choice of operation</li> </ul>	<ul style="list-style-type: none"> <li>• Exhibit self-discipline and personal responsibility</li> </ul>
	<b>Handwork:</b> Embroidery, leatherwork, basketry	<ul style="list-style-type: none"> <li>• Fractions: numerator/denominator, equivalent fractions, expand &amp; simplify fractions, find simple common denominators, proper/improper fractions &amp; mixed numbers</li> </ul>		
	<b>Movement Activities, Games</b>	<ul style="list-style-type: none"> <li>• Add &amp; subtract fractions</li> <li>• Number patterns and prime numbers</li> <li>• Simple averages &amp; factoring</li> <li>• Construct simple scale drawings</li> <li>• Compare &amp; contrast animal physiology with human physiology</li> <li>• Mapping classroom, home, &amp; surrounding area, using compass</li> <li>• Learn state geographical regions, local history, original peoples to settle the area, the influence of the environment on humans</li> </ul>		

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5	<b>Ancient Greece</b>	<b>Math:</b> Fractions, mixed numbers, decimals, beginning geometry	<ul style="list-style-type: none"> <li>• Exhibit sustained attention to primary speaker to capture details &amp; facts, demonstrate oral &amp; written recall</li> <li>• Participate in daily recitation, story recapitulation</li> <li>• Demonstrate clear diction, meter, cadence, syntax, volume, rate, &amp; artistic expression when speaking</li> </ul>	<ul style="list-style-type: none"> <li>• Show respect for teacher, classmates, property, and materials</li> </ul>
	<b>Ancient India</b>	<b>Language Arts:</b> Composition, grammar and syntax, research, drama	<ul style="list-style-type: none"> <li>• Develop dictionary skills, Master weekly spelling &amp; vocabulary list; work with spelling rules &amp; irregularities</li> </ul>	<ul style="list-style-type: none"> <li>• Come to class with positive attitude</li> </ul>
	<b>Ancient Egypt</b>	<b>Science:</b> Botany	<ul style="list-style-type: none"> <li>• Syllabicate words according to rules for syllabication</li> <li>• Compose several paragraphs out of curriculum material presented</li> </ul>	<ul style="list-style-type: none"> <li>• Serve the needs of the group, support others</li> </ul>
	<b>Ancient China</b>	<b>History &amp; World Cultures:</b> U.S. geography; history and geography of ancient cultures	<ul style="list-style-type: none"> <li>• Write simple research reports from student readings or observations</li> <li>• Write &amp; edit with awareness of spelling punctuation, parts of speech, capitalization, active &amp; passive voice; compose stories from own experience</li> </ul>	<ul style="list-style-type: none"> <li>• Work independently or in collaboration with classmates without continued adult guidance &amp; intervention</li> </ul>
	<b>North American Geography</b>	<b>Art:</b> Colored pencil, drawing and shading	<ul style="list-style-type: none"> <li>• Independently read books related to the curriculum</li> <li>• Work with fractions using all four operations</li> </ul>	<ul style="list-style-type: none"> <li>• Work in a timely fashion</li> </ul>
	<b>Persia, Babylonia &amp; Mesopotamia</b>	<b>Music:</b> choral singing	<ul style="list-style-type: none"> <li>• Add/subtract mixed numbers by finding common denominators &amp; regrouping</li> <li>• Name place values (whole numbers and decimals)</li> <li>• Multiply &amp; divide mixed numbers using conversions to improper fractions, expansion, &amp; simplification of fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Complete small amount of homework or independent assignments</li> </ul>
	<b>Botany</b> <b>Decimals &amp; Fractions</b>	<b>Handwork:</b> Circular knitting, Basketry, Carving, Leatherwork, Book Arts <b>Movement Activities, Games</b>	<ul style="list-style-type: none"> <li>• Practice four basic operations on whole numbers, long division using estimation</li> <li>• Know multiplication tables out of sequential order, multiply by 10s</li> <li>• Discern proper operation to use in word problems</li> <li>• Continue practice in "mental math," speed calculations</li> <li>• Discover prime numbers, factors, common factors, divisibility rules</li> <li>• Develop facility with fraction/decimal equivalents</li> <li>• Calculate area and perimeter for rectangles and squares, begin geometry with freehand geometric drawing</li> <li>• Develop familiarity with historical maps of the above cultures</li> <li>• Study regions of North America, people living there, industries</li> <li>• Learn political &amp; geographical boundaries of North America: countries, states, capitals</li> <li>• Develop an understanding of the plant, its relationship to sun, earth, life cycles, &amp; anatomy</li> <li>• Explore categories of plants and plant relationship to geography and climate; examine Earth's major climate zones</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate intention to make one's best effort &amp; engage work</li> <li>• Be open &amp; willing to work with feedback from teacher &amp; classmates, to work through classroom or social issues</li> <li>• Be inclusive</li> </ul>

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6	<b>Medieval History</b>	<b>Math:</b> Percentages, business math, statistics, geometry, Math Focus class 2x per week	<ul style="list-style-type: none"> <li>• Show integrated understanding of verbally presented material through artistic rendering, daily recall, self-generated reports &amp; essays written for main lesson books</li> </ul>	<ul style="list-style-type: none"> <li>• Assume responsibility for self &amp; work</li> </ul>
	<b>Ancient Rome</b>	<b>Language Arts:</b> Grammar & composition, letter writing, drama, LA Focus class 2x per week	<ul style="list-style-type: none"> <li>• Recite poetry, read prose both individually and in group, speak clearly with good diction, proper inflection, fluency</li> </ul>	<ul style="list-style-type: none"> <li>• Complete homework assignments in timely fashion</li> </ul>
	<b>World Geography</b>	<b>Science:</b> Geology & physics, with lessons in acoustics, optics, heat, & magnetism	<ul style="list-style-type: none"> <li>• Read for information &amp; research; Read for sustained length of time; demonstrate good comprehension and recall of what has been read</li> </ul>	<ul style="list-style-type: none"> <li>• Work with focus on a task for up to 45 minutes</li> </ul>
	<b>Astronomy</b>	<b>History &amp; World Cultures:</b> History of Rome; Europe in the Middle Ages; North & South American geography	<ul style="list-style-type: none"> <li>• Decipher new words, achieve fluency in oral reading with inflection &amp; attention to punctuation cues &amp; sentence structure</li> </ul>	<ul style="list-style-type: none"> <li>• Work collaboratively and do fair share of the task</li> </ul>
	<b>Geology &amp; Mineralogy</b>	<b>Art:</b> Color wheel, 3d & perspective drawing, painting	<ul style="list-style-type: none"> <li>• Develop simple outlines of main idea &amp; supporting details</li> </ul>	<ul style="list-style-type: none"> <li>• Work independently &amp; collaboratively with minimum intervention</li> </ul>
	<b>Physics</b>	<b>Music:</b> choral singing	<ul style="list-style-type: none"> <li>• Use appropriate sentence construction, sequential paragraphs, and good structure in independent writing assignments</li> </ul>	<ul style="list-style-type: none"> <li>• Exhibit desire to do best work</li> </ul>
	<b>Business &amp; Practical Mathematics</b>	<b>Handwork:</b> Sewing, carving, book arts	<ul style="list-style-type: none"> <li>• Consistently use capitalization, punctuation, parts of speech correctly</li> </ul>	<ul style="list-style-type: none"> <li>• Respect teachers, classmates, property, &amp; materials</li> </ul>
	<b>Geometry</b>	<b>Movement Activities, Games</b>	<ul style="list-style-type: none"> <li>• Use complex sentence structure using adjective phrases and clauses, subordinate conjunctions, begin to diagram sentences</li> <li>• Edit for spelling and grammar mistakes, clarity, and regrouping of sentences for efficiency—working through several drafts to final copy</li> <li>• Math Practice: Exponents and roots, divisibility, factors of a number, division, rounding and estimating, use all four processes with fractions, expansion/reduction of fractions, conversion between mixed numbers/improper fractions, use all four processes with decimals, decimal/fraction/percent equivalents &amp; conversions, percentage increase/decrease, use of fraction &amp; decimal method to determine a percentage, quick calculation of percentage, analyze word problems to determine the use of appropriate operation and convert to equations</li> <li>• Introduce Statistics: calculating mean, average, median; mode for sets of data; analyzing line and bar graphs, business math, credit, interest, tax, profit &amp; loss</li> </ul>	<ul style="list-style-type: none"> <li>• Keep personal and school belongings well organized</li> <li>• Be prepared and ready for class on time &amp; projects</li> <li>• Maintain a positive attitude</li> <li>• Work constructively with feedback from teachers &amp; classmates</li> </ul>

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6			<ul style="list-style-type: none"> <li>• Geometry introduced: Precise construction with ruler and compass; bisection of a line segment, angle, arc; division of a circle; radius, diameter, secant, tangent etc.; angles: obtuse, acute, straight, right; triangles: scalene, right, isosceles, equilateral; quadrilaterals &amp; other polygons; area &amp; perimeter of rectangle, square, and right triangle</li> <li>• Geology: continents and plate tectonics, volcanoes, rock cycle (igneous, sedimentary, metamorphic rocks) o Composition of the earth, minerals, crystals, gems, metals</li> <li>• Physics: acoustics &amp; the relationship of pitch to size and volume, sound and form; optics &amp; nature of light, color/prisms, afterimages; thermodynamics &amp; expansion/contraction, conductivity, transference of heat (conduction, convection, radiation), Fahrenheit and centigrade, friction, states of matter, (solid, liquid, gas); magnetism, positive /negative poles, attraction/repulsion, Earth’s magnetic field, types of magnets, movement of magnetic force through various substances</li> <li>• Historical understanding: the founding of Rome &amp; growth of the empire, the Pax Romana, everyday life in Roman Times; life in the Middle Ages, the feudal system, monastic life, building of cathedrals, knighthood, trades &amp; guilds</li> <li>• Geographic Understanding: working with latitude &amp; longitude, geographies of Europe or South America, physical and political boundaries, physical features, countries, develop understanding of environment in the formation of culture and livelihood</li> </ul>	<ul style="list-style-type: none"> <li>• Support classmates</li> <li>• Practice social inclusion</li> <li>• Use group process &amp; discussion to work through social issues &amp; projects</li> </ul>