

Grade	Language Arts	Math	Science	Social Studies	Art	P.E.	Spanish
TK	<p>Reading -Story structure -Print awareness -Exposure to poetry, informational text, and literature -Development of phonological awareness -Development of phonemic awareness</p> <p>Writing -Learn about writing as a form of communication and expression</p> <p>Spelling</p> <p>Resources: Integrated units, Open Court Reading and Handwriting Without Tears</p>	<p>Numeracy and Operations -Representing Sets (1-10) -Writing Numbers -Numbers in Order</p> <p>Measurement -Big or Small? Short or Tall? -Measurement (comparing and ordering) -Heavy or Light? -More or Less?</p> <p>Data Analysis, Statistics and Probability -Graphing, Tallying</p> <p>Geometry -Space and Shape -Designs and Patterns -Same or Different? -Describing and Classifying</p> <p>Algebra -Patterns</p> <p>Problem Solving -Begin to discuss problem solving strategies -Discuss mathematical reasoning</p>	<ul style="list-style-type: none"> Environmental Sustainability- recycling, composting, planting Five Senses Farm Dental Health Transportation/Simple Machines Changes (weather, water, seasons) Pond- seasons and habitats at the pond Topics of Interest: Dinosaurs, Magnets, Bird nests, Planting pansies, Sink/float, Spiders, Sorting, Bubbles, Rocks 	<ul style="list-style-type: none"> Holidays Fire Prevention The Globe Japan Transportation Community Helpers 	<p>-Explore environment through drawing and painting using various media and techniques</p> <p>-Special emphasis placed on learning about the design elements of line, shape, and color</p> <p>-Experiment with various three dimensional and mixed media projects, including masks, puppets, monoprints and surface decorations on flower pots, frames, boxes and bags</p>	<ul style="list-style-type: none"> Fitness testing Steady beat Creativity and rhythm in movement Educational Gymnastics (Effort, Space, and Relationship Skills) Dance Educational Games Striking Throwing/Catching Cooperative Games 	<p>Students receive their first exposure to the sound and culture of a foreign language.</p> <p>Students learn to:</p> <ul style="list-style-type: none"> Respond to greetings in Spanish Count to 20 Name basic colors Identify some body parts Name farm animals Name some modes of transportation Sing Spanish songs

Guidance - Woven Word, addresses social-emotional issues like feelings and friendships.

Library/Media (TK)

<u>Basic Library Skills:</u>	<u>Literature & Genre:</u>	<u>Information Skills</u>	<u>Critical Thinking</u>
Finding & choosing books	Setting	Parts of a book:	Literacy related games and puzzles
Book care	Character	<ul style="list-style-type: none"> cover, title page 	
Using a shelf marker	Favorite stories		
Check out procedures	Books that move		
Library citizenship	Fairytales		
Listening skills	Flannel board stories		
	Rhyming books		
	Author & Illustrator study		
	Class book making		

Experiential Education - Central Fire Station, Pumpkin Patch, Nutcracker Ballet, Amtrak Train to Burlington, Piedmont Environmental Center, Natural Science Center, Hardin Farms, Japanese Restaurant

Grade	Language Arts	Math	Science	Social Studies	Music	Art	Computer	Spanish	P.E.
K	<p>Reading/Spelling</p> <ul style="list-style-type: none"> -Letter recognition -Phonemic awareness -Phonic analysis -Vocabulary development -Fluency <p>Writing</p> <ul style="list-style-type: none"> -Modeling/practicing the writing process -Journal and story writing <p>Resources: Scott Foresman, Handwriting Without Tears</p>	<ul style="list-style-type: none"> -Describing and Classifying -Comparing, Ordering and Equalizing -Graphing and Tallying -Representing Sets -Writing Numbers <p>Students learn the connections between the math strands below as they use many techniques to communicate mathematically:</p> <p>-Numeracy and Operations</p> <p>-Measurement</p> <p>-Data Analysis, Statistics and Probability</p> <p>-Geometry</p> <p>-Algebra</p> <p>-Problem Solving</p> <p>Resource: Investigations</p>	<ul style="list-style-type: none"> -Environmental Sustainability- recycling, composting, planting -Five Senses -Helpful Insects -Habitats and Animals around the World -Change (seasons, weather, our body) -Topics of Interest: Lego Labs – simple machines, Sink/ float/surface tension, Pond throughout the year, Plants. 	<ul style="list-style-type: none"> -My Family and Me -Columbus, Pilgrims and Early Settlers -Safety and Community Helpers -China 	<ul style="list-style-type: none"> -Learn about melody, pitch, and rhythm -Develop singing voices with songs, poems, chants and numerous musical activities -Learn to use basic rhythm instruments, glockenspiels, autoharps & the fundamental Orff instruments -Perform in a spring concert <p>Suzuki – available K-4, Orchestra in grade 5</p>	<ul style="list-style-type: none"> -Continue to learn about the elements of design (line, color, shape, texture and space) through various projects -Experiment with different materials and techniques -Make, hats, crowns, paper bag puppets, Ukrainian eggs, vegetable and clown paintings with special emphasis placed on surface decoration and pattern -Learn about Georgia O’Keeffe and make a crayon resist painting in her style 	<ul style="list-style-type: none"> -Identify the computer as a machine that helps people work and play. -Identify, discuss, and use common hardware terms -Identify and discuss correct and responsible use and care of computers and resources - Identify and discuss common features and functions of computer software -Use multimedia software to identify and practice letters, numbers, shapes, and colors as a class/group. -Recognize and discuss responsible use of multimedia resources and why it is important. -Discuss ownership of created works as a class/group. - Identify and discuss the Internet as a source of information at school and home. -Identify graphing as a tool for organizing information. Use manipulatives and graphing software to organize and display data. 	<p>Students receive their first exposure to the sound and culture of a foreign language</p> <p>Students learn to:</p> <ul style="list-style-type: none"> -Greet each other in a simple way -Count to 30 -Name all the colors -Respond to simple commands -Recognize the name of most body parts -Sing songs in Spanish -Be familiar with traditional Hispanic celebrations and customs 	<ul style="list-style-type: none"> -Fitness testing -Steady beat -Creativity and rhythm in movement -Educational Gymnastics (Effort, Space, and Relationship Skills) -Dance -Educational Games -Striking -Throwing/Catching -Cooperative Games

Guidance – Second Step: Perspective Taking, Problem Solving, Emotion Management

Library/Media - Basic Library Skills: Finding & choosing books, using a shelf marker, check out procedures, book care, library citizenship, listening skills, library neighborhoods(Easy, Nonfiction, Junior Reader); Literature & Genre: Story elements (Setting, Character, Beginning/Middle/End), fairytales, poetry, flannel board stories, rhyming books, author & illustrator study, class book making, introduce concept of theme; Information Skills: Parts of a book (cover, title page, endpapers, spine), graphing related to story time selections; Critical Thinking: Literacy related games and puzzles, analogies

Experiential Education – Pumpkin Patch, Fire Station, Timberlake Farms, GDS Pond, Ladybug Release Day, Nutcracker

Grade	Language Arts	Math	Science	Social Studies	Music	Art	Computer	Spanish	P.E.
1 st	<p>Reading -Oral Language Experiences</p> <p>-Literature based reading experiences including: teacher-modeled reading, shared reading, independent reading, and large and small group reading</p> <p>-Flexible Reading Strategy Use: Phonetic (sounds/symbols), Semantic (reading for meaning), Syntactic (grammar)</p> <p>Writing -Handwriting - correct formation and spacing</p> <p>-Process Writing</p> <p>-Experiential writing</p> <p>Spelling -Invented Spelling using sound/symbol relationships</p> <p>Resource: Handwriting Without Tears, Houghton Mifflin</p>	<p>Numeracy and Operations -Number relationships, use of 5 and 10 as anchors -Ordering numbers -Computation strategies -Part-whole and part-part-whole relationships -Partitioning numbers -Addition in a variety of contexts (with modeling) -Writing number sentences -Odd and even numbers -Groupings of numbers (counting by 2s,5s, 10s, etc.) -Concept of subtraction -Strategies for math facts -Investigation of place value -Explorations of fractional parts (halves and fourths) -Mental Math/Thinking Strategies</p> <p>Measurement -Compare and classify lengths of objects -Using non-standard units -Importance of unit size -Using calendars</p> <p>Data Analysis, Statistics and Probability -Collection, recording (charts and graphs), analyzing, comparing</p> <p>Geometry -Identify, compare, describe shapes -Attributes of 3-D objects -Concept of area -Exploration of 3-D objects</p> <p>Algebra -Identify, describe, and extend patterns -Symmetry exploration</p> <p>Problem Solving -Connections to science and language arts -Labs, journaling, verbal and written mathematical communication</p> <p>Resource: Trailblazers</p>	<p>-Environmental - Sustainability – recycling</p> <p>-Insects/Butterflies /Spiders</p> <p>-Space, Earth, Sun, Moon</p> <p>-Vertebrates</p> <p>-Dinosaurs</p> <p>-Human Body</p> <p>-Classification of animals (Dinosaurs, mammals, reptiles, amphibians, birds, marine life)</p>	<p>-“Me” – Our GDS Community</p> <p>-“Me.....In the family”</p> <p>-Thanksgiving</p> <p>-Holiday Customs Around the World - Mexico, England, Holland, Germany & Hanukkah</p> <p>-The Calendar</p> <p>-Communication</p> <p>-People at Work</p> <p>-People to Know (Presidents & Famous Black Americans)</p> <p>-Australia</p>	<p>-Continue the study of melody, rhythm, pitch and introduce form</p> <p>-Music skills are strengthened by the use of games (creative and structured)</p> <p>-Study the instruments of the orchestra & learn songs that supplement the classroom curriculum</p> <p>-The use of instruments is expanded to include the boomwhackers and more Orff instruments</p> <p>-Perform in the spring concert</p> <p>Suzuki – available K-4, Orchestra in grade 5</p>	<p>-Continue to study elements of design with an emphasis on mixing secondary colors from primary colors</p> <p>-Create representational art based on people, animals and nature</p> <p>-Learn terms background and foreground</p> <p>- Projects include tissue collage, mixed media drawings and paintings, soft sculpture fish, and an observational landscape painting in the “pointillism” style of George Seurat</p>	<p>Integrated units including work with:</p> <p>-Bailey’s Book House</p> <p>-Sammy’s Science House</p> <p>-Kid Pix</p> <p>- Identify and discuss physical components of a computing device</p> <p>- Recognize and discuss safe and responsible use and care of technology resources</p> <p>- Discuss ownership of computer-created work</p> <p>- Use common computing devices and resources in class activities</p> <p>- Use teacher-selected Internet resources/info. to identify, discuss, and chart elements that make an online resource useful, appropriate, and safe as a class.</p> <p>- Use multimedia software to illustrate words/phrases/concepts</p>	<p>K curriculum reviewed & reinforced. Spanish integrated with Science.</p> <p>Students learn to: -Count to 60</p> <p>-Review the colors in games of an increased difficulty</p> <p>-Respond to new class commands</p> <p>-Become familiar with the body parts and the Spanish “Simon says”</p> <p>-Sing songs in Spanish</p> <p>-Name farm animals</p> <p>-Recite the alphabet</p> <p>-Say the days of the week</p> <p>-Review Hispanic celebrations and customs</p>	<p>-Fitness testing</p> <p>-Steady beat</p> <p>-Creativity and rhythm in movement</p> <p>-Educational Gymnastics (Effort, Space, and Relationship Skills)</p> <p>-Dance</p> <p>-Educational Games</p> <p>-Striking</p> <p>- Throwing/Catching</p> <p>-Cooperative Games</p> <p>30 minutes 3 x per week</p>

Guidance – Second Step: Perspective Taking, Problem Solving, Emotion Management

Library/Media - Basic Library Skills: Finding & choosing books, five finger rule, using a shelf marker, book care, library citizenship, listening skills, library neighborhoods (easy, nonfiction, junior reader, paperback, fiction, graphic novel); Literature & Genre: Story Elements (setting, character, beginning/middle/end), fairytales, poetry, flannel board stories, rhyming books, author & illustrator study, class book making, introduce concept of theme; Information Skills: Venn diagrams, alphabetizing to first letter, research introduction (whole group guided work); Critical Thinking: Literacy related games and puzzles, analogies, literature criticism: Caldecott winners, codes, bibliography: title, review parts of a book learned in K

Experiential Education - Natural Science Center, Butterfly Garden, North Carolina Zoo, Lake Higgins, Soup Day, Sleeping Bag Day, Kite day. Service project: Loylaton Assisted Living – children sing and play instruments

Grade	Language Arts	Math	Science	Social Studies	Music	Art	Computer	Spanish	P.E.
2 nd	<p>Reading</p> <ul style="list-style-type: none"> -Teacher-directed reading -Self Selected Reading (Word strategy instruction & phonics review, comprehension, oral & written responses to enhance comprehension) -Development of independent reading skills -Pleasure reading (home & school) -Introduction to primary fact finding skills -Literature Groups - small group differentiated instruction (book clubs, writing, leveled readers, plays) <p>Writing</p> <ul style="list-style-type: none"> -Manuscript handwriting -Beginning Dictionary Skills -Functional- letters, short answers, reports, creative- poems, stories -Proofreading/editing -Beginning cursive after Winter Break <p>Spelling</p> <ul style="list-style-type: none"> -Spelling words from high frequency word list -Differentiated Spelling Lists -Word-Study Activities <p>Resources: Houghton Mifflin Reading Program, Making Words</p>	<ul style="list-style-type: none"> -Odd and Even -Representing Equalizing, Joining, and Separating -Introduction of linear units -Symmetry and Geometric Shapes -Grouping- the conceptual foundation for multiplication -Place Value- ones, tens, hundreds -Fractions- building a conceptual understanding; related to grouping -Partitioning- the conceptual foundation for division -Solving Number Sentences, 0-99 -Mental Math, Estimation, Thinking Strategies -Time and Money <p>Students learn the connections between the math strands below as they use many techniques to communicate mathematically:</p> <p>Numeracy and Operations Measurement Data Analysis, Statistics and Probability Geometry Algebra Problem Solving</p> <p>Resources: Trailblazers</p>	<ul style="list-style-type: none"> -Environmental Sustainability- recycling, composting, planting -Matter -Weather -Plants -Rain Forest animals and habitats 	<ul style="list-style-type: none"> -Money and Economics -Greensboro -Costa Rica and Brazil 	<ul style="list-style-type: none"> -Music theory expanded -Focus on melody, rhythm and form -Whole, half, quarter and eighth notes are studied more thoroughly -Self expression through creative movement -Orff instruments are used with skits, movement, and other rhythmic activities -Mini presentations about the instruments of the orchestra -Songs connect to learning in the classroom -Perform in the spring concert <p>Suzuki – available K-4, Orchestra in grade 5</p>	<ul style="list-style-type: none"> -Learn more about three dimensional sculpture and construction by designing and making a papier mache puppet -Write and illustrate a book about their puppet -Prepare various painted papers to create a collage in the style of Eric Carle, using a rainforest nature theme -Continue to experiment with mixed media, crayon etching and expand cultural horizons by making a paper “mola” from Panama in collaboration with Spanish class 	<ul style="list-style-type: none"> -Beginning Touch Typing -Kid Pix -Beginning Internet use -Beginning spreadsheet use -Demonstrate correct use of common technology terms -Recognize individual ownership rights of created work -Identify online resources as the work of individuals or groups and understand why citing sources is necessary -Discuss telecommunications as a tool for collaboration and communication -Edit multimedia stories to include narration -Identify and use multimedia terms and concepts. 	<ul style="list-style-type: none"> Continue to develop listening & speaking skills. Some pre-reading & pre-writing activities such as labeling pictures are introduced. Emphasis on receptive & active production is accomplished through games, songs, poems, etc. Students learn to: <ul style="list-style-type: none"> -Greet each other in a sophisticated manner with variations -Count to 100 -Count by tens to 100 -Tell the date and learn the months -Comment on the weather -Play vocabulary games with the colors and the body parts -Recognize the different shapes -Sing Spanish songs -Become familiar with the cultures of Spanish speaking countries 	<ul style="list-style-type: none"> -Fitness testing -Steady beat -Creativity and rhythm in movement -Educational Gymnastics (Effort, Space, and Relationship Skills) -Dance -Educational Games -Striking -Throwing/Catching -Cooperative Games 30 minutes 3 x per week

Guidance – Second Step: Perspective Taking, Problem Solving, Emotion Management

Library/Media – Basic Library Skills: Neighborhoods: all, online catalog introduction, library citizenship; Literature & Genre: Picture books, short novels, Reader’s theatre, Caldecott winners, poetry, story elements from TK-1st: add perspective, writing related to story times, book making, simple book reports, biography, story re-telling; Information Skills: Venn diagrams, story element graphic organizers, simple guided note-taking, bibliography: title & author, parts of a book: review TK-1st, add: copyright date, table of contents, index, glossary; Critical Thinking & Media Literacy: Analogies, forms of media, understanding advertisements, group work, symbols, literature criticism, literacy related puzzles and games, map skills, interviewing skills & question design

Experiential Education - Piedmont Environmental Center-Plants and Soil, Weather; Greensboro Bus Tour - Carolina Theater; Greensboro Historical Museum

September 1, 2010

Grade	Language Arts	Math	Science	Social Studies	Music	Art	Computer	Spanish	P.E.
3 rd	<p>Reading</p> <ul style="list-style-type: none"> -Basal Reader -Leveled Readers -Supplemental Reading <p>Writing</p> <ul style="list-style-type: none"> -Process Writing Skills -Proofreading -Continued work with cursive <p>Spelling</p> <ul style="list-style-type: none"> -Spelling -Grammar <p>Resources: Houghton Mifflin, Handwriting Without Tears, Spelling Connections, Daily Language Review, Daily Paragraph Editing</p>	<ul style="list-style-type: none"> --Number Sense -Addition and Subtraction -Place Value (larger numbers) -Multiplication Concepts -Multiplication facts and strategies -Partitioning -Patterns in numbers and operations -Number Lines -Fractional Concepts/multiple representations -Fractional part of a whole or set -Measurement (length, area, perimeter, time) -Geometry (coordinates, multiple representations, congruence, symmetry, 3-D shapes) -Collecting/organizing data -Bar graphs/Point graphs -Problem Solving within all strands -Logical Reasoning <p>Students learn the connections between the math strands below as they use many techniques to communicate mathematically:</p> <p><u>Numeracy and Operations</u> <u>Measurement</u> <u>Data Analysis, Statistics and Probability</u> <u>Geometry</u> <u>Algebra</u> <u>Problem Solving</u></p> <p>Resources: Trailblazers</p>	<ul style="list-style-type: none"> -Environmental Sustainability-recycling -Nutrition and chemistry -Archaeology -Electricity -Mini-units: Water, Water Research Project, African grasslands 	<ul style="list-style-type: none"> -First Communities – Native Americans -Our Community – North Carolina -Famous people within past communities -Communities Far Away – Africa – Kenya <p>Resource: Holt</p>	<ul style="list-style-type: none"> -Dynamics, tone color, and harmony learned through recorder playing -Symphony Orchestra and concert etiquette -Create and perform rhythm scores -Lessons integrated with classroom social studies units -Perform several times for classroom, grade level, and family -Students participate in the winter concert <p>Suzuki – available K-4, Orchestra in grade 5</p>	<ul style="list-style-type: none"> -Make an authentic Kachina mask (integration with classroom Native American unit) - Emphasis placed on skillful surface decoration and good craftsmanship -Create motif design using repeated Native American symbols -Focus on color theory and complimentary color relationships using collage and water color in the style of Henri Matisse -Create relief sculptures painted in neutrals: white, black and grey, in the style of Louise Nevelson -Learn about “primitive painting” by making a pastel painting of a “fanciful” animal in the style of Henry Rousseau 	<ul style="list-style-type: none"> - Recognize and discuss safe and responsible use and care of technology resources -Continue work with touch-typing skills -Learn to use software and teacher selected internet sources appropriately -Cite sources of information -Introduce search engines and how to search -Use appropriate technology tools to gather, analyze and present information -Use word processing to write, edit and publish written work -Spreadsheets – enter data, make calculations, and create graphs from prepared spreadsheets or forms -Multi-media – identify, discuss and use -Databases – search, filter, and modify prepared databases 	<p>Vocabulary development includes a review and extension of material taught in 2nd grade. Simple grammar structures are taught which enable students to use new vocabulary in sentences. Writing & reading skills are introduced.</p> <p>Students learn:</p> <ul style="list-style-type: none"> -To review counting to 100 and to do simple flashcard additions -To be proficient with the date, the months and the weather -Readily greet each other with a variety of responses -Sing Spanish songs -The vocabulary for clothing through a number of hands-on activities -Wild animals and review farm animals -The vocabulary for food and beverages -To keep a simple notebook recording new vocabulary and simple writing 	<ul style="list-style-type: none"> -Fitness testing -Cooperative games -Dance -Native American Pow Wow -Educational Gymnastics (Effort, Space, and Relationship Skills) -Kicking -Modified Games -Striking -Throwing/Catching -Cooperative Games -Hand-Eye Coordination -Foot-Eye Coordination 45 minutes 2 x per week 30 minutes 1 x per week

Guidance – Second Step: Perspective Taking, Problem Solving, Emotion Management

Library/Media – **Basic Library Skills:** Review neighborhoods, online catalog instruction continued, library citizenship & book care, Dewey Decimal System introduction (categorization theory, ten main classes), mock book creation to understand how call numbers are assigned and how shelving is organized; **Literature & Genre:** Picture books, short novels, Reader’s theatre, Caldecott winners, poetry focus: Concrete & Acrostic, folklore (heavy emphasis on Native American folklore), story elements , writing: poetry, literature responses, book making, simple book reports, biography, story retelling; **Information Skills:** Venn diagrams, KWL, bibliography: title, author, copyright year, parts of a book review (add dedication), map skills, dictionary skills, encyclopedia introduction and guided practice, newspapers, note-taking (focus on classroom connect: Native Americans, African grassland animals); **Critical Thinking& Media Literacy:** analogies & word puzzles, forms of media, fact/Opinion, group work, symbols, literature criticism, literacy related puzzles and games

Experiential Education – Asheboro Zoo, Charlotte-Hawkins Brown Palmer Memorial Institute or Mendenhall Plantation, Museum of Anthropology (Winston-Salem), Hagan Stone Park, Symphony

September 1, 2010

Grade	Language Arts	Math	Science	Social Studies	Music	Art	Computer	Spanish	P. E.
4th	<p>Reading -Reading Instruction – Comprehension, Inferences, Text Features, Silent pleasure reading Literature - Selected novels & expository texts</p> <p>- Poetry</p> <p>Writing -Writing Process, Sentence structure, Sequencing, Paragraphs, Descriptive language, Clarity</p> <p>-Writing across the curriculum</p> <p>-Note Taking</p> <p>-Summarizing</p> <p>- Grammar – Punctuation, Capitalization, Parts of speech (noun, adjective, verb, adverb), Sentence types</p> <p>-Review of cursive letters</p> <p>Spelling -Alternate spelling patterns and content area vocabulary</p> <p>-Study Skills</p>	<p>-Collect, organize, and analyze data</p> <p>-Multiplication and Division: Concepts, Facts, Applications in Problem Solving</p> <p>-Numbers 0-9,999,999: Place Value, Addition and Subtraction</p> <p>-Multiplication and Division of Larger Numbers</p> <p>-Geometry: Angles, Polygons, 3-D Figures</p> <p>-Fractions: Recognition, Representation, Equivalence</p> <p>-Units of Area</p> <p>-Measurement</p> <p>-Decimals</p> <p>-Probability</p> <p>-Recognizing Patterns: Algebraic thinking</p> <p>-Problem Solving: Skills and Strategies for routine and non-routine problems</p> <p>Students learn the connections between the math strands below as they use many techniques to communicate mathematically:</p> <p><u>Numeracy and Operations</u> <u>Measurement</u> <u>Data Analysis, Statistics and Probability</u> <u>Geometry</u> <u>Algebra</u> <u>Problem Solving</u></p> <p>Resources: Trailblazers, Developing Mathematical Power</p>	<p>-Discovery Approach – Observation, Data gathering, Classifying, Making predictions, Drawing conclusions</p> <p>- Environmental Sustainability- recycling, composting</p> <p>-Journey North</p> <p>-Geology</p> <p>Resources: Journey North (Internet), Kids Discover</p>	<p>-England</p> <p>-Colonial America</p> <p>-The American Revolution</p> <p>-Federal Government Current Events</p> <p>Resources: Kids Discover</p>	<p>-Basic skills of rhythm, melody, harmony, dynamics, and form</p> <p>-Research the lives and music of classical composers and present oral reports</p> <p>-Recorder repertoire is continued and expanded through the use of “Recorder Karate”</p> <p>-Work in cooperative groups to compose raps and one-line melodies</p> <p>-Perform at the winter program. Suzuki – available K-4, Orchestra in grade 5</p>	<p>-Learn skills and concepts necessary for making, warping and weaving a loom</p> <p>-Concentrate on design elements, contrasting colors, patterns and color combinations to create a decorative wall hanging</p> <p>- Weaving from an historical perspective is emphasized</p> <p>-Learn about abstract art by creating abstract portraits in the style of Pablo Picasso</p> <p>- In graphic arts, design, cut and pull numerous prints in multiple colors from linoleum blocks</p> <p>-Learn about “plein air” painting by going outdoors, then painting landscapes on canvas using acrylic paints</p> <p>-In keeping with their unit of study on recycling, students work in collaboration with local artist Frank Russell to create a recycled sculpture</p>	<p>-Touch-Typing</p> <p>-Word Processing and desktop publishing</p> <p>-Internet Research Skills and use of citations</p> <p>-Internet/Email Safety & Acceptable Use</p> <p>-Filing Systems & Desktop Orientation</p> <p>-Introduction to Wikis</p> <p>-Power Point</p> <p>-Spreadsheets</p> <p>-Databases – search and filter prepared databases and develop a simple database</p> <p>-Various software applications to support content areas</p>	<p>Vocabulary is reviewed and expanded, while simple grammar structures are acquired in order to facilitate communication. Reading and writing skills are practiced on a regular basis.</p> <p>Students learn: -To review the expressions of courtesy</p> <p>-All the classroom objects</p> <p>-To review the classroom commands</p> <p>-To review the numbers with flashcards</p> <p>-The geography of Spanish speaking countries</p> <p>-The vocabulary of the house and the different types of housing</p> <p>-The parts of the body, the date, the weather and the colors</p> <p>-More Spanish songs</p> <p>-To present Spanish skits</p> <p>Resources: Exploring Spanish</p>	<p>-Fitness testing</p> <p>-Sport Aerobics</p> <p>-Hand-Eye Coordination</p> <p>-Foot-Eye Coordination</p> <p>-Jump Rope</p> <p>-Cooperative Games</p> <p>-Kicking</p> <p>-Striking</p> <p>-</p> <p>Throwing/Catching</p> <p>-Lead up games</p>

Guidance – Second Step: Perspective Taking, Problem Solving, Emotion Management

Library/Media – **Basic Library Skills:** Review neighborhoods, online catalog instruction continued, library citizenship & book care, Dewey Decimal System (Call number ordering to 3rd letter and 2nd number beyond decimal, practice activities, philosophy of 398s, critical analysis of two main classes: 200s and 300s (Religion and Social Sciences); **Literature & Genre:** Picture books, short novels, Reader’s theatre, Caldecott winners, poetry focus: Haiku, folklore, story elements review, writing: poetry, literature responses, creating book talks, genre study; **Information Skills:** Graphic organizers: variety, bibliography (title, author, copyright year, publisher), parts of a book review, sources of information (atlas, almanac, encyclopedia, magazines, newspapers, online sources, etc), note-taking (focus on classroom connect: England), design projects related to study units; **Critical Thinking& Media Literacy:** Analogies & word puzzles, forms of media, deciphering media messages about values and peer pressure, group work, symbols, literature criticism, literacy related puzzles and games

Experiential Education – Guilford Courthouse National Military Park, Vulcan Materials Rock Quarry, Pilot Mountain, Landfill and Transfer Station in Greensboro, Outdoor education experience

September 1, 2010

Grade	Language Arts	Math	Science	Social Studies	Music	Art	Computer	Spanish	P.E.
5th	<p>Reading, vocabulary development, writing, grammar, speaking and penmanship are taught in an integrated manner</p> <p>Reading</p> <ul style="list-style-type: none"> -Read aloud -Content area reading -Daily Independent Reading <p>Writing</p> <ul style="list-style-type: none"> -Development of sentences, paragraphs, and compositions -Emphasis on organization, word choice and correct grammar usage -Proofreading -Review cursive letter formation <p>Spelling</p> <ul style="list-style-type: none"> -Weekly practice of assigned words 	<p>Students learn the connections between the math strands below as they use many techniques to communicate mathematically:</p> <p>Numeracy and Operations</p> <ul style="list-style-type: none"> -Multiplication: Factors, Multiples, Algorithm, Applications - Division: Concepts, Algorithm, Applications -Decimals: Concept, Place Value, Operations - Place Value: Millions, Billions, and Beyond - Fractions: Equivalence, Addition and Subtraction <p>Measurement</p> <ul style="list-style-type: none"> -Linear Measurement Review -Area Applications -Units of Volume <p>Data Analysis, Statistics and Probability</p> <ul style="list-style-type: none"> - Probability and Data Explorations <p>Geometry</p> <ul style="list-style-type: none"> Angle Measurement, Polygons, Polyhedra <p>Algebra</p> <ul style="list-style-type: none"> -Beginning concepts <p>Problem Solving</p> <ul style="list-style-type: none"> -Problem Solving Skills and Strategies <p>Resource: Trailblazers</p>	<ul style="list-style-type: none"> -Environmental Sustainability- recycling, composting -Energy Audit Research- data collection and analysis -Human body -Astronomy: Solar System, History, Stages of Stars, Telescopes, Seasons, Phases of the Moon, Eclipses -Newton's Third Law- Action- Reaction Rocket Science 	<ul style="list-style-type: none"> -US Geography -Pioneers and Westward – Expansion -Immigration -The Civil War 	<ul style="list-style-type: none"> -Chorus members learn and demonstrate the fundamentals of proper singing -Develop confidence and skills to sing parts independently and in small groups -Learn & demonstrate fundamentals of good diction for singing -Experience a wide variety of musical styles through the large repertoire of vocal literature -Develop an appreciation of singing voice as a lifelong musical instrument -Sing at the winter concert and for other events like Grandparents/Special Person's Day and the Lower School closing <p>Suzuki –Orchestra in grade 5, beginning band is an option in the fifth grade</p>	<ul style="list-style-type: none"> -Learn skills necessary to create “tessellation” designs in the style of MC Escher (Math specialist collaborates by teaching the slide and rotation mathematic principals in class) -Design and build a “futuristic “sustainable house for the year 2099 using found objects and recycled materials (inspiration is the study of Frank Lloyd Wright buildings) -Other projects include making a dramatic glass mosaic platter, and designing and painting a gourd birdhouse in the style of each student's favorite artist 	<ul style="list-style-type: none"> -Touch typing -Appropriate use of the Internet, email, and how to take care of a laptop -Microsoft Word for writing, Excel for organizing data, and PowerPoint for making presentations -Internet research skills -Wiki skills -Databases – search and filter prepared databases and develop a simple database -Daily web-based homework assignments on www.quia.com, including spelling, grammar, and reading comprehension assignments 	<p>Students are involved in a variety of learning experiences which enable them to synthesize all that they have learned in previous years. Continued focus on the development of good listening skills and oral responses. Students continue to practice simple reading and writing skills which helps them as they prepare for Middle School foreign language. The curriculum is designed to be a bridge between Lower School language experiences and the more formal instruction of the Middle School.</p> <p>Students learn:</p> <ul style="list-style-type: none"> -To review class commands -To review numbers with a variety of games and flashcards -The vocabulary for family members including a family tree project -The vocabulary for all the food, specific traditional Hispanic dishes and table settings. The end of the unit will be celebrated with typical Hispanic food. -To review with oral and written activities the body parts, the weather, the days, the month and the colors -The time and practice with activity sheets -New, more advanced songs -To write a book in Spanish with their own illustrations about themselves -To present Spanish skits 	<ul style="list-style-type: none"> -Volleyball -Football -Badminton -Scooter Hockey -Pickleball -Dance -Lacrosse -Track and Field -Wiffleball -Fitness Testing

Guidance – Second Step: Perspective Taking, Problem Solving, Emotion Management

Library/Media – Basic Library Skills: Review neighborhoods, online catalog instruction continued, library citizenship & book care, Dewey Decimal System(main classes reviewed, first set of subclasses introduced, usage in relation to class and/or personal interest research); Literature & Genre: Reader's theatre, Newbery winners, poetry focus: epic and classic, appreciation, genre review, reading logs, book making for younger audience; Information Skills: Graphic organizers: variety, bibliography(title, author, copyright year, publisher, city), monographs (books with one or more authors), encyclopedia articles (print and online), magazine articles, websites, sources of information review (atlas, almanac, encyclopedia), magazines, newspapers, online sources, etc; note-taking (deconstruction and construction of information, plagiarism, process); planning for research, using indices as a research tool, subject headings; Critical Thinking& Media Literacy: Analogies & word puzzles, forms of media, use of media to effect change, group work, symbols & codes, literature criticism, literacy related puzzles and games

Experiential Education – Greensboro Historical Museum, Overnight Pioneer Experience