

# Prekindergarten Curriculum

Language Arts	Mathematics	Social Studies	Science	Spanish
<ul style="list-style-type: none"> <li>❑ Speaking &amp; Listening (grammar, follow directions)</li> <li>❑ Phonics (letter-sound relationships, consonants, vowels, rhymes, songs)</li> <li>❑ Pre-emergent reading skills (upper, lower case, identify, contrast, reproduce sounds).</li> <li>❑ Emergent reading (turn pages, follow print, recognize familiar words, oral stories)</li> <li>❑ Writing (pencil grip, letters, first name, trace shapes)</li> <li>❑ Creative writing journal and class books with pictures and words</li> <li>❑ Literature studies on a variety of authors (inc. Asch, Carle, Carlson, Lionni) and works (Mother Goose, poems, nursery rhymes)</li> <li>❑ Field trips to book store, public library</li> <li>❑ Library class and book checkout</li> <li>❑ Performance of <i>Brown Bear. Brown Bear and The Hungry Caterpillar</i></li> </ul> <p><b>Special Programs</b></p> <ul style="list-style-type: none"> <li>❑ Pajama collection drive to benefit the Pajama Program</li> <li>❑ Parent/child fishing expedition</li> <li>❑ Buddy Program with fourth graders.</li> </ul>	<ul style="list-style-type: none"> <li>❑ Identify colors and shapes</li> <li>❑ Match, sort, group, classify objects by multiple attributes</li> <li>❑ Identify, create, extend patterns</li> <li>❑ Order, sequence, measure</li> <li>❑ Count, increase, decrease objects, write numerals through 10</li> <li>❑ Introduce calendars, observe holidays and birthdays</li> <li>❑ Math vocabulary</li> <li>❑ Dozens of various manipulatives</li> <li>❑ <a href="http://www.ixl.com">www.ixl.com</a></li> </ul>	<ul style="list-style-type: none"> <li>❑ Respect, rules citizenship, safety</li> <li>❑ American flag, Pledge of Allegiance</li> <li>❑ Geography of home and school</li> <li>❑ Families, family members, roles, phone number</li> <li>❑ Holidays</li> <li>❑ Jobs, products, services, money</li> <li>❑ Transportation modes and forms</li> <li>❑ Field trip to Wegmans, Post Office, Whites Ferry</li> <li>❑ Visit from the Leesburg Mayor</li> </ul>	<ul style="list-style-type: none"> <li>❑ Introduction to the scientific method</li> <li>❑ Five senses</li> <li>❑ Seasons</li> <li>❑ Plants</li> <li>❑ Baby animals</li> <li>❑ Sea Life</li> <li>❑ Human body</li> <li>❑ Caterpillars and butterflies</li> <li>❑ Field trips to Crooked Run Orchards, Claude Moore Park, Pumpkin Village</li> <li>❑ Plant and cultivate pumpkins and sunflowers in the LCDS Garden Lab</li> </ul>	<ul style="list-style-type: none"> <li>❑ Greetings</li> <li>❑ Colors and shapes</li> <li>❑ Calendar and seasons</li> <li>❑ Emotions/Feelings</li> <li>❑ Body parts</li> <li>❑ Family members</li> <li>❑ Sports</li> <li>❑ Animals</li> <li>❑ Food &amp; Drink</li> <li>❑ Clothing</li> <li>❑ Numbers to 20</li> <li>❑ Spanish and Hispanic culture</li> <li>❑ International Day Festival</li> </ul>
	STEM	Performing Arts	Visual Arts	Physical Education
	<ul style="list-style-type: none"> <li>❑ Log on and off with assistance</li> <li>❑ Identify computer parts</li> <li>❑ Mouse, keyboard with assistance</li> <li>❑ Use icons, navigate websites with assistance</li> <li>❑ Multimedia software with assistance</li> <li>❑ Use technology to express ideas</li> <li>❑ iPads, Google Chrome, KidPix</li> </ul>	<ul style="list-style-type: none"> <li>❑ Combine music and movement</li> <li>❑ Music from a variety of cultures</li> <li>❑ Stimulate multiple senses</li> <li>❑ Lateralization and control of movement</li> <li>❑ Listening skills</li> <li>❑ Vocal technique</li> <li>❑ 20+ Orff instruments</li> <li>❑ Winter and Spring Concerts, Grandparents Day performance</li> </ul>	<ul style="list-style-type: none"> <li>❑ Creativity, artist studies</li> <li>❑ Abstract painting inspired by Alma Thomas</li> <li>❑ 'Drawing with scissors' inspired by Henri Matisse</li> <li>❑ Pastel chalk art inspired by Mary Cassatt</li> <li>❑ Impressionism inspired by Claude Monet</li> <li>❑ Cubism inspired by Pablo Picasso</li> <li>❑ Feelings, emotions, ideas evoked by art</li> </ul>	<ul style="list-style-type: none"> <li>❑ Balance, agility, coordination, hopping, skipping, rolling, gymnastics</li> <li>❑ Hand/eye coordination, throwing, catching</li> <li>❑ Hand/eye/foot coordination, passing, kicking</li> <li>❑ Teamwork, sportsmanship</li> <li>❑ Track &amp; Field skills, ending in PK-3rd grade Track Meet</li> <li>❑ 12 swim lessons held at Ida Lee Rec Ctr</li> </ul>

# Kindergarten Curriculum

Language Arts	Mathematics	Social Studies	Science	Spanish
<ul style="list-style-type: none"> <li>❑ Phonics (case, sounds, rhyming)</li> <li>❑ Emergent reading skills (conventions, 100 sight words)</li> <li>❑ Reading comprehension (retelling, sequencing, identifying main idea)</li> <li>❑ Zaner-Bloser manuscript handwriting</li> <li>❑ Emergent writing skills (pencil grip, picture journals, story narration)</li> <li>❑ Beginning grammar (capitalization and punctuation).</li> <li>❑ Literature studies on a variety of authors (inc. Carle, Brett, Potter, Dr. Seuss) and genres works (inc. fiction, nonfiction, poetry, biography)</li> <li>❑ Field trips to Glen Echo Park and GMU to see a theater productions related to literature topics</li> <li>❑ Public performance of the play "The Very Quiet Cricket"</li> <li>❑ Library class "Meet the Author" programs, book checkout</li> </ul> <p><b>Special Programs</b></p> <ul style="list-style-type: none"> <li>❑ Pajama collection drive to benefit the Pajama Program</li> <li>❑ Buddy Program with Fifth Graders.</li> <li>❑ Mother's Day Tea and Father's Day Poem</li> <li>❑ Enrichment program and projects</li> </ul>	<ul style="list-style-type: none"> <li>❑ Write numbers through 100, count by ones, twos, fives and tens</li> <li>❑ Introduction to addition and subtraction, practice with the numbers 1 through 4</li> <li>❑ Use tally marks and graphs to collect, record, display data</li> <li>❑ Geometry (identify 2D shapes, 3D objects, patterns)</li> <li>❑ Measurement and Time (compare size, distance, weight, volume, tell time, identify coins)</li> <li>❑ Estimation and problem-solving</li> </ul>	<ul style="list-style-type: none"> <li>❑ Citizenship (rules, respect, cooperation, responsibilities, consequences)</li> <li>❑ American and World History (famous Americans, holidays and customs)</li> <li>❑ Geographic terms, settings, seasons</li> <li>❑ Basic economic concepts (needs, wants, trade, money, saving, spending)</li> <li>❑ Participation in the Veterans Day program</li> <li>❑ "A Day in the Life of a Pilgrim or Wampanoag Child" meal and celebration</li> </ul>	<ul style="list-style-type: none"> <li>❑ The scientific method</li> <li>❑ Insects (anatomy and behavior of ants, bees)</li> <li>❑ Plants, Trees, Wood (pumpkins, tree rings, leaves, flowers)</li> <li>❑ Animals (habitats, frog life cycle)</li> <li>❑ Seasons and weather (adaptation, snow, meteorology)</li> <li>❑ Dinosaurs (extinction theories, paleontology)</li> <li>❑ Field trips to Frying Pan Park, Crooked Run Orchard, Museum of Natural History, Reston Zoo, Meadows Farms Nursery</li> <li>❑ Full Option Science Study (FOSS) kits</li> </ul>	<ul style="list-style-type: none"> <li>❑ Greetings</li> <li>❑ Numbers through 30</li> <li>❑ Colors and shapes</li> <li>❑ Calendar and seasons</li> <li>❑ Emotions and feelings</li> <li>❑ Body parts</li> <li>❑ Family members</li> <li>❑ Sports</li> <li>❑ Animals</li> <li>❑ Foods and drinks</li> <li>❑ Clothing</li> <li>❑ Spanish and Hispanic culture</li> <li>❑ International Day Festival</li> </ul>
	STEM	Performing Arts	Visual Arts	Physical Education
	<ul style="list-style-type: none"> <li>❑ Log on and off, use laptops and iPads</li> <li>❑ Mouse and keyboard, click icons</li> <li>❑ Navigate websites, conduct research, PebbleGo, Google Chrome</li> <li>❑ Basic coding using BeeBots</li> <li>❑ Create multimedia presentations, KidPix</li> <li>❑ Group work and presentations</li> </ul>	<ul style="list-style-type: none"> <li>❑ Loud, soft, fast, slow dynamics and tempo</li> <li>❑ Four voice functions</li> <li>❑ Steady beat, create, differentiate rhythms in 2/4 and 6/8 meter</li> <li>❑ Create and use movement to show high, low, higher, lower melody</li> <li>❑ 20+ Orff instruments</li> <li>❑ Winter and Spring Concerts, Grandparents Day performance</li> </ul>	<ul style="list-style-type: none"> <li>❑ Creativity, texture, canvas, line elements, artist studies</li> <li>❑ Splatter painting inspired by Jackson Pollock</li> <li>❑ Symbolism inspired by Gustav Klimt</li> <li>❑ Post impressionism inspired by Vincent Van Gogh</li> <li>❑ Self portraits inspired by Frida Kahlo</li> <li>❑ Cubism inspired by Pablo Picasso</li> <li>❑ Feelings, emotions, ideas evoked by art</li> </ul>	<ul style="list-style-type: none"> <li>❑ Balance, agility, coordination, hopping, skipping, rolling, gymnastics</li> <li>❑ Hand/eye coordination, throwing, bouncing, catching</li> <li>❑ Hand/eye/foot coordination, passing, kicking</li> <li>❑ Game skills, tactics, teamwork, sportsmanship</li> <li>❑ Track &amp; Field skills, ending in PK-3rd grade Track Meet</li> <li>❑ 12 swim lessons held at Ida Lee Rec Ctr</li> </ul>