## Preschool Curriculum

<table>
<thead>
<tr>
<th>Social/Emotional</th>
<th>Language Arts</th>
<th>Mathematics</th>
<th>Science</th>
<th>Social Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sense of Self</td>
<td>Oral Language and Communication</td>
<td>Identify colors and shapes</td>
<td>Observes objects and events with curiosity</td>
<td>Respect, safety, rules</td>
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<tr>
<td></td>
<td>(speaking and listening)</td>
<td>(circle, square, triangle)</td>
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<tr>
<td></td>
<td>Pre-emergent Literacy skills</td>
<td>Match, Sort, classify objects by single</td>
<td>Explores cause and effect</td>
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<td></td>
<td>(name recognition, visual and sound</td>
<td>characteristic</td>
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<td></td>
<td>discrimination)</td>
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<tr>
<td></td>
<td>Pre-emergent Writing Skills</td>
<td>One to one correspondence</td>
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<td></td>
<td>(fine motor, picture dictation)</td>
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<tr>
<td></td>
<td>Plays with the sounds of language</td>
<td>Experience numbers in real and meaningful</td>
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<td></td>
<td>with rhymes, poems, and songs</td>
<td>experiences</td>
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<td></td>
<td>Storytelling and Dramatizations</td>
<td>Recognizes patterns and extend them</td>
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<td></td>
<td>Appreciation and enjoyment of</td>
<td>Compares/measure s/orders</td>
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<tr>
<td></td>
<td>literature</td>
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<tr>
<td></td>
<td>Library class and book check out</td>
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<tr>
<td>Responsibility for Self and</td>
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<tr>
<td>Others</td>
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<td></td>
<td>Demonstrates self-direction and</td>
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<tr>
<td></td>
<td>independence</td>
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<td></td>
<td>Takes responsibility for own well-being</td>
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<td></td>
<td>Respects and cares for classroom</td>
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<td></td>
<td>environment and materials</td>
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<td></td>
<td>Follows Classroom rules and routines</td>
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<td>Prosocial Behavior</td>
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<td></td>
<td>Plays well with other children</td>
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<td>Recognizes the feelings of others</td>
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<td>responds appropriately</td>
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<td>Shares and respects the rights of</td>
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<td></td>
<td>others</td>
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<td></td>
<td>Participates in group activities and</td>
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<td>transitions smoothly from one activity</td>
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<td>to the other</td>
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<td></td>
<td>Uses thinking skills to resolve</td>
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<td>conflicts.</td>
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<td>Emotions</td>
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<td></td>
<td>Manners</td>
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<td>Self-care and Independence skills</td>
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</tbody>
</table>

### STEM
- Block play/famous buildings
- Explore ramps
- Finger Gym (Fine motor)
- Curiosity, initiative, persistence, and problem solving in play and everyday tasks

### Performing Arts
- Building confidence through song
- Combine music and movement
- Lateralization and control of movement
- Listening skills
- Vocal technique
- Play a variety of Orff instruments
- Winter and Spring Concerts, Grandparents’ and Special Friends Day Performance

### Visual Arts
- Explores materials and ideas through open-ended experiences and x
- Experience with different types of materials, tools, and media
- Develops appreciation for the creative process
- Loose parts and transient art (creative use of non-traditional materials)
- Makes and interprets representations

### Physical Education
- Safety
- Balance
- Coordination
- Movement
- Simple Ball Skills
- Landing and rolling
- Teamwork and Sportsmanship
## Prekindergarten Curriculum

<table>
<thead>
<tr>
<th>Language Arts</th>
<th>Mathematics</th>
<th>Social Studies</th>
<th>Science</th>
<th>Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Speaking &amp; Listening (grammar, follow directions)</td>
<td>- Identify colors and shapes</td>
<td>- Respect, rules citizenship, safety</td>
<td>- Introduction to the scientific method</td>
<td>- Greetings</td>
</tr>
<tr>
<td>- Phonics (lettersound relationships, consonants, vowels, rhymes, songs)</td>
<td>- Match, sort, group, classify objects by multiple attributes</td>
<td>- American flag, Pledge of Allegiance</td>
<td>- Five senses</td>
<td>- Colors and shapes</td>
</tr>
<tr>
<td>- Pre-emergent reading skills (upper, lower case, identify, contrast, reproduce sounds)</td>
<td>- Identify, create, extend patterns</td>
<td>- Geography of home and school</td>
<td>- Seasons</td>
<td>- Calendar and seasons</td>
</tr>
<tr>
<td>- Emergent reading (turn pages, follow print, recognize familiar words, oral stories)</td>
<td>- Order, sequence, measure</td>
<td>- Families, family members, roles, phone number</td>
<td>- Plants</td>
<td>- Emotions/Feelings</td>
</tr>
<tr>
<td>- Writing (pencil grip, letters, first name, trace shapes)</td>
<td>- Count, increase, decrease objects, write numerals through 10</td>
<td>- Holidays</td>
<td>- Baby animals</td>
<td>- Body parts</td>
</tr>
<tr>
<td>- Creative writing journal and class books with pictures and words</td>
<td>- Introduce calendars, observe holidays and birthdays</td>
<td>- Jobs, products, services, money</td>
<td>- Sea Life</td>
<td>- Family members</td>
</tr>
<tr>
<td>- Literature studies on a variety of authors (inc. Asch, Carle, Carlson, Lionni) and works (Mother Goose, poems, nursery rhymes)</td>
<td>- Math vocabulary</td>
<td>- Transportation modes and forms</td>
<td>- Human body</td>
<td>- Sports</td>
</tr>
<tr>
<td>- Field trips to book store, public library</td>
<td>- Dozens of various manipulates</td>
<td>- Field trips to the fire department and post office</td>
<td>- Caterpillars and butterflies</td>
<td>- Animals</td>
</tr>
<tr>
<td>- Library class and book checkout</td>
<td>- IXL math enrichment</td>
<td>- Visit from the Leesburg Mayor</td>
<td>- Field trips to Crooked Run Orchards, Claude Moore Park, Pumpkin Village</td>
<td>- Food &amp; Drink</td>
</tr>
<tr>
<td>- Performance of Brown Bear: Brown Bear and The Hungry Caterpillar</td>
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<td>- Plant and cultivate pumpkins and sunflowers in the LCDS Garden Lab</td>
<td>- Clothing</td>
</tr>
</tbody>
</table>

### Special Programs

- Pajama collection drive to benefit Mobile Hope
- Parent/child fishing expedition
- Buddy Program with fourth grade

### STEM

- Log on and off with assistance
- Identify computer parts
- Mouse, keyboard with assistance
- Use icons, navigate websites with assistance
- Multimedia software with assistance
- Use technology to express ideas
- iPads, Google Chrome, KidPix

### Performing Arts

- Combine music and movement
- Music from a variety of cultures
- Stimulate multiple senses
- Lateralization and control of movement
- Listening skills
- Vocal technique
- 20+ Orff instruments
- Winter and Spring Concerts, Grandparents Day performance

### Visual Arts

- Creativity, artist studies
- Abstract painting inspired by Alma Thomas
- ’Drawing with scissors’ inspired by Henri Matisse
- Shapes in Art inspired by Paul Klee
- Impressionism inspired by Claude Monet
- Cubism inspired by Pablo Picasso
- Feelings, emotions, ideas evoked by art

### Physical Education

- Balance, agility, coordination, hopping, skipping, rolling, gymnastics
- Hand/eye coordination, throwing, catching
- Hand/eye/foot coordination, passing, kicking
- Teamwork, sportsmanship
- Track & Field skills, ending in PK-3rd grade Track Meet
- 1st trimester swim lessons held at Ida Lee Rec Center
### Kindergarten Curriculum

#### Language Arts
- Phonics (case, sounds, rhyming)
- Emergent reading skills (conventions, 100 sight words)
- Introduction to addition and subtraction, practice with the numbers 1 through 4
- Use tally marks and graphs to collect, record, display data
- Geometry (identify 2D shapes, 3D objects, patterns)
- Measurement and Time (compare size, distance, weight, volume, tell time, identify coins)
- Estimation and problem-solving
- IXL math enrichment
- **Special Programs**
  - Pajama collection drive to benefit Mobile Hope
  - Buddy Program with fifth grade
  - Kindergarten Tea and Kites & Donuts Day
  - Enrichment program and projects

#### Mathematics
- Write numbers through 100, count by ones, twos, fives and tens
- Introduction to addition and subtraction, practice with the numbers 1 through 4
- Use tally marks and graphs to collect, record, display data
- Geometry (identify 2D shapes, 3D objects, patterns)
- Measurement and Time (compare size, distance, weight, volume, tell time, identify coins)
- Estimation and problem-solving
- IXL math enrichment

#### Social Studies
- Citizenship (rules, respect, cooperation, responsibilities, consequences)
- American and World History (famous Americans, holidays and customs)
- Geographic terms, settings, seasons
- Basic economic concepts (needs, wants, trade, money, saving, spending)
- Participation in the Veterans Day program
- "A Day in the Life of a Pilgrim or Wampanoag Child" celebration and feast

#### Science
- The scientific method
- Insects (anatomy and behavior of ants, bees)
- Plants, Trees, Wood (pumpkins, tree rings, leaves, flowers)
- Animals (habitats, frog life cycle)
- Seasons and weather (adaptation, snow, meteorology)
- Dinosaurs (extinction theories, paleontology)
- Field trips to Frying Pan Park, Museum of Natural History, Reston Zoo, Meadows Farms Nursery
- Full Option Science Study (FOSS) kits

#### Spanish
- Greetings
- Numbers through 30
- Colors and shapes
- Calendar and seasons
- Emotions and feelings
- Body parts
- Family members
- Sports
- Animals
- Foods and drinks
- Clothing
- Spanish and Hispanic culture
- International Day Festival

#### STEM
- Log on and off, use laptops and iPads
- Mouse and keyboard, click icons
- Navigate websites, conduct research, PebbleGo, Google Chrome
- Basic coding using BeeBots
- Create multimedia presentations, KidPix
- Group work and presentations

#### Performing Arts
- Loud, soft, fast, slow dynamics and tempo
- Four voice functions
- Steady beat, create, differentiate rhythms in 2/4 and 6/8 meter
- Create and use movement to show high, low, higher, lower melody
- 20+ Off instruments
- Winter and Spring Concerts, Grandparents Day performance

#### Visual Arts
- Creativity, texture, canvas, line elements, artist studies
- Splatter painting inspired by Jackson Pollock
- Symbolism inspired by Gustav Klimt
- Post impressionism inspired by Vincent Van Gogh
- Self portraits inspired by Frida Kahlo
- Cubism inspired by Pablo Picasso
- Feelings, emotions, ideas evoked by art

#### Physical Education
- Balance, agility, coordination, hopping, skipping, rolling, gymnastics
- Hand/eye coordination, throwing, bouncing, catching
- Game skills, tactics, teamwork, sportsmanship
- Track & Field skills, ending in PK-3rd grade Track Meet
- 1st trimester swim lessons held at Ida Lee Rec Center