

Curriculum Benchmarks

Grade by Grade Milestones



Infants

Language Arts	Mathematics	Science	Music/Fine Arts	Social & Emotional Development	Physical
<ul style="list-style-type: none"> • Introduction to Basic Vocabulary • Introduction to Story Time • Familiarization with verbal communication and following simple directions 	<ul style="list-style-type: none"> • Introduction to Basic Shapes • Introduction to Math Manipulatives • Introduction to counting to 3 	<ul style="list-style-type: none"> • Introduction to the Five Senses • Introduction to the Weather/Seasons • Familiarization with Animals • Familiarization with Light & Sounds 	<ul style="list-style-type: none"> • Singing games • Familiarization with various sounds • Introduction to Basic Percussion instruments • Introduction to Colors and Painting 	<ul style="list-style-type: none"> • Expression of different emotions • Familiarization with adults • Introduction to Social Skills • Introduction to self-help skills 	<ul style="list-style-type: none"> • Movement exploration • Following verbal directions • Develop muscle skills

12 months -Guppies

Language Arts	Mathematics	Science	Music/Fine Arts	Personal & Social Development	Physical
<ul style="list-style-type: none"> • Introduction to story time and listening skills • Introduction to alphabet letters and sounds • Introduction to new vocabulary words • Familiarization with verbal communication and following directions • Learn to identify main body parts and common objects 	<ul style="list-style-type: none"> • Introduction to Basic Shapes • Introduction to Math Manipulatives • Introduction to counting to 5 • Introduction to Sorting and Matching by similar attributes • Introduction to puzzles • Introduction to differentiating small and large 	<ul style="list-style-type: none"> • Introduction to the Five Senses • Introduction to the Weather/Seasons • Familiarization with Animals and Habitats • Introduction to Life Cycles • Introduction to STEAM • Hand-On experiments 	<ul style="list-style-type: none"> • Singing games • Familiarization with various sounds • Introduction to Percussion instruments • Introduction to different textures and painting techniques • 	<ul style="list-style-type: none"> • Expression of different emotions • Familiarization with adults • Introduction to Social Skills • Introduction to self-help skills • Awareness of personal space and needs • Learn to participate in small group activities • Learn to share 	<ul style="list-style-type: none"> • Develop gross motor adaptive skills such as walk, climb, slide, push wheeled toys • Develop fine motor skills, scribble, paint, playdough, etc.

18 months

Language Arts	Mathematics	Science	Music/Fine Arts	Personal & Social Development	Physical
<ul style="list-style-type: none"> • Participate in special classes, circle time • Introduction to alphabet and phonic sounds • Learn to express self in two-three-word phrases • Introduction to body parts and common objects 	<ul style="list-style-type: none"> • Identify basic shapes • Introduction to Math Manipulatives • Introduction to counting to 10 • Introduction to Sorting and Matching by similar attributes • Complete puzzles • Recognize sizes big/small • Introduction to drawing horizontal and vertical lines • Introduction to one-to-one correspondence counting • Introduction to measuring • Introduction to calendar 	<ul style="list-style-type: none"> • Explore the five senses • Explore weather and seasons • Recognize animals, sounds, and habitats • Explore life cycles • Introduction to gardening/planting • Hands-on experiments - STEAM 	<ul style="list-style-type: none"> • Identify primary colors • Explore fine arts using different texture and painting • Introduction to creative drawing • Explore various musical instruments • Introduction to rhythm and beats 	<ul style="list-style-type: none"> • Learn to verbally express emotions • Learn to participate in small and large group activities • Awareness of personal space and needs • Introduction to self-help skills 	<ul style="list-style-type: none"> • Develop gross motor adaptive skills such as walk, climb, slide, push wheeled toys • Develop fine motor skills, scribble, paint, playdough, etc.

2's

Language Arts	Mathematics	Science	Music/Fine Arts	Personal & Social Development	Physical
<ul style="list-style-type: none"> • Describe pictures & objects • Learn to ask and answer questions • Retell portions of stories • Participation in circle time • Identify alphabet letters – uppercase • Identify letter sounds • Learn to verbally communicate in full sentences • Develop language skills • Introduction to writing own name • Introduction to tracing sight words • Introduction to how to care for books and parts of a book: front, back, spine, author, illustrator. 	<ul style="list-style-type: none"> • Identify and trace geometric shapes • Counting to 50 • Identify and trace numbers to 20 • Understanding concept of quantity • Introduction to Sorting and Matching by similar attributes • Develop basic addition skills • Recognize sizes small/medium/large • Learn to measure using objects • Introduction to sequencing shapes and objects 	<ul style="list-style-type: none"> • Introduction to ecosystems • Introduction to scientific method • Learn to observe local weather conditions over time • Conduct STEAM experiments – hands-on experience 	<ul style="list-style-type: none"> • Identify primary and secondary colors • Explore fine arts using different texture, materials, and painting • Introduction to creative drawing • Use fundamental skills to create art • Introduction to rhythms and beats using nursery rhymes • Play simple percussion instruments • Create movements through music 	<ul style="list-style-type: none"> • Learn the importance of sharing and taking turns • Follow two-step directions • Develop full self-help skills to “potty” • Promote individual and shared group activities through centers 	<ul style="list-style-type: none"> • Develop gross motor adaptive skills such as climb, slide, hop, dance, ride a tricycle, etc. • Develop fine motor skills, draw, paint, pinch (tweezers), etc.

3's

Language Arts	Mathematics	Science	Music/Fine Arts	Personal & Social Development	Physical
<ul style="list-style-type: none"> • Sequence parts of stories • Introduction to reading comprehension • Identify CVC words • Introduction to lower case alphabet • Introduction to blending beginning and ending sounds • Ask and answer questions • Introduction to ending sounds and rhyming • Engage in group discussions • Introduction to decoding words • Write own names without tracing 	<ul style="list-style-type: none"> • Counting to 80 • Identify and write numbers to 50 • Number relationship • Understanding concept of quantity • Identify basic two-dimensional geometric shapes • Draw basic shapes • Introduction to addition and subtraction 1-10 with manipulatives • Learn concepts of more and less • Expand sorting and matching by similar attributes • Introduction to graphing • Measure and weigh using different objects • Expand learning in sequencing series 	<ul style="list-style-type: none"> • Investigate the five senses • Understand and use scientific method • Learn about Earth • Hands-on experiments 	<ul style="list-style-type: none"> • Experience fine arts using different materials and techniques • Create 3-D art using recycled materials • Create and describe drawings • Reenact Nursery Rhymes • Recognize the beat of a song • Learn about different musical instruments 	<ul style="list-style-type: none"> • Display self-control and a positive attitude • Collaborate with peers • Respect adults and other children • Increase attention span • Engage in group activities • Develop problem-solving skills • 	<ul style="list-style-type: none"> • Develop gross motor skills, ride a tricycle, use balls, dance, catching and throwing a ball, etc. • Fine motor skills use Lego blocks, magnet blocks, holding scissors correctly, paint, draw, snap/push/button, etc. •

4's

Language Arts	Mathematics	Science	Music/Fine Arts	Personal & Social Development	Physical
<ul style="list-style-type: none"> • Expand reading comprehension • Practice uppercase and lower-case alphabet letters • Expand the use of the 5 W's (who, what, when, where and why) • Expand decoding words • Expand ending sounds/rhyming • Introduction to Fry's First 100 Sight Words • Learn consonant blends and diagraphs • Reading simple sentences 	<ul style="list-style-type: none"> • Count to 100 • Introduction to 3-D Shapes • Addition/subtraction (double digits 1-20) • Create and extend complex patterns • Identify Geometric Shapes • Introduction to Time • Introduction to coin value • Expand graphing • Master greater than, less than, or equal signs. • Measure with a ruler/weight • Graphing 	<ul style="list-style-type: none"> • Define STEAM • Hands-on experience • Use, Explain, and Answer the Scientific Method • Introduction to elements of architecture and engineering skills • Introduction to physical science (Astronomy, Physics, Chemistry, Earth Science) 	<ul style="list-style-type: none"> • Use different art styles such as modern, abstract, pointillism, etc. • Create 3-D art using clay • Reenact story books • Play to the beat of a song • Expand learning on variety of musical instruments 	<ul style="list-style-type: none"> • Demonstrate responsibility • Collaborate with peers • Transition well between activities and schedules • Introduction to public speaking • Be able to work independently 	<ul style="list-style-type: none"> • Develop gross motor adaptive skills such as hopping, balancing, galloping, jumping, yoga, dribbling balls, etc. • Develop fine motor skills such as: pencil grasp, cut with scissors, letters and numbers formation

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Language Arts	Mathematics	Science	Music/Fine Arts	Personal & Social Development	Physical
<ul style="list-style-type: none"> • Read sight words and grade level books • Reading comprehension • Spell and write sight words • Compare & contrast ideas • Introduction to syllabication • Introduction to phoneme segmentation and substitution • Introduction to punctuation • Write 5 sentences paragraph • Create own story book and read to class • 	<ul style="list-style-type: none"> • Distinguish solid shapes and flat shapes • Use graphs to describe data • Introduction to analog and digital time • Compare length, time, weight, and capacity of objects • Counting by 2, 3, 5, and 10 • Adding and subtracting using sets of tens and ones • Introduction to ten-frame equation • Understand two-digits numbers represent amounts of tens and ones • Learn to count objects in a scattered configuration • • Introduction to story problems using algebra and manipulatives • • 	<ul style="list-style-type: none"> • State experiment hypothesis and analyze results • Learn about the Solar System • Identify concepts of history and culture • Expand learning on elements of architecture and engineering skills • Expand learning on physical science • Expand learning on life science • Expand learning on history and nature of science • 	<ul style="list-style-type: none"> • Introduced to various musical instruments • Perform in large school events • Learn about famous musicians such as Beethoven, Chopin, etc. • Learn about famous fine artists such as Picasso, Monet, Van Gogh, Da Vinci, Michelangelo, etc. • 	<ul style="list-style-type: none"> • Respect self and others • Collaborate with peers • Demonstrate organizational skills • Exhibit motivation and efforts • Expand public speaking • Work independently and efficiently on assigned tasks 	<ul style="list-style-type: none"> • Develop gross motor skills such as skipping, two-foot jumping, jump rope, hula hooping, basketball shooting, etc. • Fine motor skills such as threading, lacing, beading, master pencil grasp, master letters & numbers formation, etc.