

Orchard Farm Early Learning Center

Math Skills/Content

Preschool & Pre-Kindergarten Mathematics Outs

Note: The “outs” for one level/grade are the “ins” for the next level/grade

Preschool Outs (Priority) 1 yr out- approaching expectation	Pre-Kindergarten Outs (Priority) Going to K-meeting proficiency	Kindergarten Outs (Priority)
<p>(I.A.1) Develop Number Sense: Shows Interest and Understanding in Counting Develops an increasing ability to rote count in sequence to 10</p> <p>(I.A.2) Develop Number Sense: Explores Quantity Use one-to-one correspondence to count two groups of objects (0-5) and tell which is more and which is less</p> <p>(I.B.1) Develop Numerical Representation: Identifies Numerals in Everyday Situations Identifies numerals (0-5) in everyday situations</p> <p>(II.B.2.) Explores Shapes: Identify and Name Some Shapes Identifies and names four of eight basic shapes (square, rectangle, circle, triangle, oval, rhombus, heart, and star)</p> <p>(V.A.1.2) Explores Data: Collects, organizes information and Display Information Sorts and classifies objects into groups. Puts objects together that have the same use, and group objects by color</p>	<p>(I.A.1) Shows Interest and Understanding in Counting Develops an increasing ability to rote count in sequence to 20</p> <p>(I.A.2) Explores Quantity Use one-to-one correspondence to count two groups of objects (0-10) and tell which is more and which is less</p> <p>(I.B.1) Identifies Numerals in Everyday Situations Identifies numerals (0-10) in everyday situations</p> <p>(II.B.2.) Identify and Name Some Shapes Identifies and names eight basic shapes (square, rectangle, circle, triangle, oval, rhombus, heart, and star)</p> <p>(V.A.1.2) Collects, organizes information and Display Information Sorts and classifies objects into groups. Puts objects together that have the same use, group objects by their height, size, and color</p>	<p>(1. RA.C.8) Demonstrate fluency with addition and subtraction within 10.</p> <p>(K.NS.A.4) Read and write numerals and represent a number of objects from 0 to 20.</p> <p>(K.NS.C.11) Compare two numerals, between 0 and 20, and determine which is more than or less than the other and</p> <p>(K.NS.B.7) Demonstrate that each successive number name refers to a quantity that is one larger than the previous number</p> <p>(1.GM.B.7) Demonstrate the ability to measure length or distance using objects and</p> <p>(K.GM.A.2) Compare the measurable attributes of several objects</p> <ul style="list-style-type: none"> ● Determine longer/shorter/taller, heavier/lighter, holds more/holds less

<p style="text-align: center;">Preschool Outs (Supporting-Explore and Develop) 1 yr out- approaching expectation</p>	<p style="text-align: center;">Pre-Kindergarten Outs (Supporting-Explore and Develop) Going to K-meeting proficiency</p>	<p style="text-align: center;">Kindergarten Outs (Supporting-Explore and Develop)</p>
<p>(I.B.3) Develop Numerical Representation: Writes Some Numerals</p> <ul style="list-style-type: none"> Writes some numerals (0-5) <p>(I.B.2) Develop Numerical Representation: Uses Drawing to Represent Numbers</p> <ul style="list-style-type: none"> Matches numerals (0-5) with quantity. <p>(II.B.1) Explore Shapes: Investigate and Talk About the Characteristics of Shapes</p> <ul style="list-style-type: none"> Indicates if shapes are alike or different (square, rectangle, circle, triangle, oval, rhombus, heart, and star) <p>(III.A.2) Develop an Awareness of Patterns: Duplicate and Extends Patterns</p> <ul style="list-style-type: none"> Duplicates Patterns (Repeat a pattern according to size, color, shape. ABA, ABAB, ABC, AABAA) <p>(IV.A.3) Use Measurement: Compare Objects Using Measurable Features</p> <ul style="list-style-type: none"> Compares objects using measurable features (e.g., big/little, long/short, heavy/light, shorter, taller, wider, bigger, heavier, lighter, holds more, hot, cold) <p>(IV.A.4) Use Measurement: Uses Language to Describe Measurement</p> <ul style="list-style-type: none"> Uses language associated with time of day in everyday situations (Breakfast, Lunch, Dinner, Morning, Afternoon, Night, Yesterday, Today, Tomorrow, Days of the week, Months of the year, Seasons) 	<p>(I.B.3) Develop Numerical Representation: Writes Some Numerals</p> <ul style="list-style-type: none"> Writes some numerals (0-5) <p>(I.B.2) Develop Numerical Representation: Uses Drawing to Represent Numbers</p> <ul style="list-style-type: none"> Matches numerals (0-10) with quantity. <p>(II.B.1) Explore Shapes: Investigate and Talk About the Characteristics of Shapes</p> <ul style="list-style-type: none"> Indicates if shapes are alike or different using one or more characteristic (square, rectangle, circle, triangle, oval, rhombus, heart, and star) <p>(III.A.2) Develop an Awareness of Patterns: Duplicate and Extends Patterns</p> <ul style="list-style-type: none"> Duplicates and Extends Patterns (Repeat a pattern according to size, color, shape. ABA, ABAB, ABC, AABAA) <p>(IV.A.3) Use Measurement: Compare Objects Using Measurable Features</p> <ul style="list-style-type: none"> Compares objects using measurable features (e.g., big/little, long/short, heavy/light, shorter, taller, wider, bigger, heavier, lighter, holds more, hot, cold) <p>(IV.A.4) Use Measurement: Uses Language to Describe Measurement</p> <ul style="list-style-type: none"> Uses language associated with time of day in everyday situations (Breakfast, Lunch, Dinner, Morning, Afternoon, Night, Yesterday, Today, Tomorrow, Days of the week, Months of the year, Seasons) 	<p>(K.NS.A.1) Count to 100 by 1, 5, and 10.</p> <p>(K.GM.B.5) Identifying coins</p> <ul style="list-style-type: none"> Extend to identify the value of the coins <p>(K.GM.C.6) Identifying shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres) and describe objects in the environment using names of shapes, recognizing the name stays the same regardless of orientation or size</p> <p>(K.GM.C.10) Compose simple shapes to form larger shapes using manipulatives.</p> <p>(K.GM.B.4) Identify days of week and months of year</p> <p>(K.GM.B.3) Identify that a clock is used to tell the time of the day and a calendar is used to tell the day of the month</p> <ul style="list-style-type: none"> Time to the hour <p>(Early Learning Standard III.A.3) Recognize and extend patterns through calendar</p> <ul style="list-style-type: none"> AB, ABC, ABB, AABC, etc. using up to 3 pattern elements Utilize shapes and color patterns to review shapes and colors

