

Istation® Early Math

Correlation of Standards

Virginia's Foundation Blocks for Early Learning Mathematics

Prekindergarten



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Istation Math Curriculum Correlated to Virginia's Foundation Blocks for Early Learning Prekindergarten



Standards	Objectives	Istation Application	Istation Teacher Resources
Foundation Block 1 - Number and Number Sense			
The child will count with understanding and use numbers to tell how many, describe order, and compare.			
a.	Count forward to 20 or more. Count backward from 5.	Units 3, 5, & 6: <i>Rote Counting - "EZ With a Rock and Roll Beat"</i>	Units 3 & 5: <i>Build, Mix, and Fix</i> Unit 6: <i>Count with Me</i> ISIP EM: <i>Count Back on the Train</i>
b.	Count a group (set/collection) of five to ten objects by touching each object as it is counted and saying the correct number (one-to-one correspondence).	Units 5 & 11: <i>Procedural – "Writing Our Numbers in New York City"</i>	Unit 5: <i>Writing Numbers 1-5</i> Unit 11: <i>Writing Numbers Everywhere 0-10</i>
c.	Count the items in a collection of one to ten items and know the last counting word tells "how many."	Units 4, 5, 6, & 7: <i>Cardinality – "Counting Cattle"</i>	Unit 4: <i>Counting in a Line</i> Unit 5: <i>Count to Find How Many</i> Unit 7: <i>Counting a Scattered, Static Group</i> ISIP EM: <i>Numbers Up!</i> ISIP EM: <i>Pizza Pete</i> ISIP EM: <i>Fill Them Up!</i>
d.	Compare two groups (sets/collections) of matched objects (zero through ten in each set) and describe the groups using the terms more, fewer, or same.		ISIP EM: <i>Letters in Our Names</i>
Foundation Block 2 - Computation			
The child will recognize change in groups (sets/collections) when objects are both added to and taken away from the groups (sets/collections).			
a.	Describe changes in groups (sets/collections) by using more when groups of objects (sets) are combined (added together).	Unit 6: <i>Part Part Whole – Introduction of Concept</i> Unit 6: <i>Part Part Whole – "Part Part Whole in New Orleans"</i> Unit 7: <i>Part Part Whole - Quantity Pairs (within 5)</i> Unit 7: <i>Part Part Whole - Addition Stories to 5</i> Unit 8: <i>Part Part Whole - Number Pairs (within 5)</i>	Unit 6: <i>Dogs and Cats on Mats (to 5)</i> Unit 7: <i>Figuring Out Fives</i> Unit 8: <i>Math Matching - Parts to Wholes</i>
b.	Describe changes in groups (sets/collections) by using more when groups of objects (sets) are separated (taken away).	Unit 13: <i>Whole Part Part (within 10) - "Chicago Pizza Blues"</i> Unit 13: <i>Whole Part Part – Subtraction Stories within 10</i>	Unit 14: <i>Subtraction Show Off</i> ISIP EM: <i>Subtraction Mat</i>

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Foundation Block 3 - Measurement			
The child will identify and compare the attributes of length, capacity, weight, time, and temperature.			
a.	Recognize attributes of length by using the terms longer or shorter when comparing two objects.	Unit 10: <i>Comparing Objects by Length</i> Unit 10: <i>Comparing Objects by Weight</i>	Unit 10: <i>Longer or Shorter?</i> Unit 10: <i>Tipping the Scale</i>
Foundation Block 4 - Geometry			
The child will describe simple geometric shapes (circle, triangle, rectangle, and square) and indicate their position in relation to an individual and to other objects.			
a.	Match and sort shapes (circle, triangle, rectangle, and square).		ISIP EM: <i>Shape Memory</i> ISIP EM: <i>Shape Books</i>
b.	Describe how shapes are similar and different.		ISIP EM: <i>Cookies of All Shapes</i> ISIP EM: <i>I Spy with My Little Eye</i> ISIP EM: <i>Shape Hunt</i>
c.	Recognize and name shapes (circle, triangle, rectangle, and square).	Unit 1: <i>Identifying Circles</i> Unit 1: <i>Identifying Squares</i> Unit 3: <i>Identifying Triangles</i>	Unit 1 & 3: <i>Searching for Shapes</i>
d.	Describe the position of objects in relation to other objects and themselves using the terms next to, beside, above, below, under, over, top, and bottom.		ISIP EM: <i>Fries and Ketchup</i>
Foundation Block 5 - Data Collection and Statistics			
The child will participate in the data gathering process in order to answer questions of interest.			
a.	Collect information to answer questions of interest to children.		ISIP EM: <i>Graphing to the Rescue!</i>
b.	Use descriptive language to compare data by identifying which is more, fewer, or the same in object and picture graphs.	Unit 2: <i>Comparing Data on Vertical Graphs</i> Unit 3: <i>Comparing Data on Horizontal Graphs</i>	Unit 2: <i>Graph What You See</i> ISIP EM: <i>Graphing Stories – Determining Most and Least</i> ISIP EM: <i>How Many More?</i>

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Standards	Objectives	Istation Application	Istation Teacher Resources
Foundation Block 6 - Patterns and Relationships			
The child will identify simple patterns of concrete objects and use them to recognize relationships.			
a.	Sort and classify objects according to one or two attributes (color, size, shape, and texture).	Unit 2: Data Analysis in the Garage	Unit 2: Like Objects Unit 2: Alike or Different ISIP Math: In and Out of My Family ISIP Math: Let's Group Them
b.	Identify and explore simple patterns, i.e., AB, AB; red, blue, red, blue	Unit 1: Recognizing Patterns in the Garage	ISIP Math: Pattern Stories with Repeating Patterns ISIP Math: Musical Patterning Chairs ISIP Math: Find the Rule of a Pattern ISIP Math: Repeating the Rule to Extend a Pattern ISIP Math: Same Pattern, Different Tools
c.	Use patterns to predict relationships between objects, i.e., the blue shape follows the yellow shape, the triangle follows the square.	Unit 1: Replicating Patterns in the Garage	Unit 1: What Comes Next?
<i>Includes content released during the 2017-2018 school year.</i>			
□ End of Prekindergarten □			