



LEON COUNTY SCHOOLS  
Early Childhood Education  
Our passion. *Their future.*

VPK AT-HOME INSTRUCTION  
**MONTH 1**  
MATHEMATICS



	WEEK 1	WEEK 2	WEEK 3	WEEK 4
MON	<b>Sorting Objects into Groups</b> Sort objects into groups by shape, color or size. Re-sort objects into different groups - for example, after sorting blocks by size, re-sort them by color. Pair objects by shape, color or size.	<b>Connecting Counting to Adding and Subtracting</b> Count three blocks in a row ('1, 2, 3') then keep counting on when two more blocks are added to the row ('...4, 5').	<b>Numbers in Everyday Life</b> What numbers are on this price tag? What do you think these numbers tell you? What is the number inside your shoe? Is the same number in everybody's shoes? What do you think these numbers tell you?	<b>Patterns</b> Have children collect items like rocks and leaves on a walk. Arrange them in a pattern such as one rock, two leaves, one rock, two leaves. Then mix them up and ask children to recreate the pattern. Can they remember the order?
TUE	Go on a nature walk and collect a variety of leaves. At home, help your child sort the leaves and talk about why the leaves were placed in each pile.	Ask your child to bring one book, two pencils and three sheets of paper. As your child brings the objects, have them count out each item one by one. Take one of the items out and ask, "How many are now left?"	Count throughout the day...count how many steps it takes to get to the bathroom, count how many pillows are on the couch, count how many doors/windows are in the house, count how many grapes they will eat for snack, etc.	Prepare a pattern using a muffin tin or an empty egg carton. Look for things that can fit inside each hole, like pen caps. Make a pattern, like one red cap in a hole, then two blue caps in another, then another red cap. Then give the caps to the children. Can they match the pattern?
WED	<b>Snack Sorters</b> Give your child three different snacks like pretzels, cheese, and apples. Talk about what's the same and what's different. Ask your child if he/she can put one type of snack together (like all the pretzels). Then ask if he/she can find another way to sort the snacks, like by size, shape, or color.	Pick a color or letter with your child and, together, go on a scavenger hunt to find as many things as you can in three minutes. How many things in the house are blue? Count out loud together as you find each item. You can also play with letters: How many things do you see that start with T?	Play a board game and demonstrate how to count the number on the die to determine the number of spaces to move.	Display a pattern and challenge children to recognize the unit of repeat and extend the pattern.
THU	Do you collect rocks - or seashells, or coins, or teddy bears? Think of ways you and your child might sort them. Use containers you have around the house - muffin tins, egg cartons, or recycled yogurt cups.	Teach songs and finger plays that demonstrate characters leaving or joining a set (e.g., "Five Green and Speckled Frogs," "Five Little Monkeys Sitting in a Tree," etc.).	Count with children as they string objects (e.g., cereal beads) through a hole, counting through 31.	Create patterns by arranging or building with blocks, making paper chains or stringing beads, drawing or coloring, etc. Work on duplicating patterns, and extending simple patterns.
FRI	Help your child figure out a way to sort and store toys and art materials. For example, suggest keeping all the stuffed animals in one basket and trucks in another. Or sort a collection of plastic dinosaurs by carnivores versus herbivores.	Gather together a basket of small toys, shells, pebbles or buttons and count them with children. Sort them into groups of 10 or fewer based on size, color or what they do (e.g., all the cars in one pile, all the animals in another).	Play a game with children by displaying a set of three or four objects on the table. Tell the child to look, then cover objects with your hand or cloth and quickly ask, "How many are under the cloth?"	Play auditory games beginning with two-part patterns, then increasing complexity (e.g., clap/snap/pat, clap/snap/pat, clap/snap/pat (ABC)).

Additional Support for PK ESE: Use a variety of concrete objects/shapes found around your home.