Math Center

** To support students in the math center, consider *Where is the mathematics in the everyday things we do?* Ask students *What are you doing? Why is this at the math center?* to support their critical thinking.

Month	Materials In Center	Standards	/Content Addressed
September	Pattern blocks Geoboards- make shapes Other ideas: Sorting buttons and counting which has the most. Drawing their family and counting how many are in their family, including pets. After whole class math activity (below chart): 1 bucket of small stamps - choose a stamp to fill a page; 1 bucket of large stamps - choose a stamp to fill a page; Questions to ask: How many shapes are on each page? Which paper has more? Why?		K.CC.1, K.CC.4, K.CC.5, K.MD.2, SMP6, SMP7 *Counting and Cardinality *Measurement and Data K.CC.3, K.CC.5, K.CC.6, K.MD.1 K.MD.2 KMD3: Classify objects into given categories; sort categories by count. *Measurement and Data
	Build 2-D shapes		K.G.5 Model shapes in the world by building shapes from components K.CC.4 count to tell the number of objects K.CC.6 compare numbers

October K.MD.3, SMP5, SMP7, Math connections: Learning about triangles and looking for SMP8 them in environmental print and Measurement and Data cutting/gluing them to a big triangle. Roll dot dice and Bingo stamp the number or color the number Using a spinner up to 10, students can spin a spinner and fill small container with counting bears or mini erasers. Base 10 blocks exploration Measuring with unifix cubes for nonstandard measurement Puzzles Board games like Chutes and Ladders Mathematical Practices: Persevere and Problem or Candyland for learning how to begin counting in the next space (like on a Solving number line) or Go Fish for number recognition (these can be introduced on a Game Day in math before becoming options in the math center)

Connections to Math Lessons

Week 1: Making handprints in blue and red on white construction paper.

Ask: Which color has more?

How many handprints fit on a paper? How many fingers are on a paper?

Then open math center week 2

Math lesson: All About Me:

Week 2: Measure Height with blocks.

Have them work with a partner and draw or write how many blocks it takes to measure how tall they are.

They can draw themselves on large drawing paper and use hands to measure how tall they are at the beginning of the year.

**Many of these ideas are found in the Everyday Math "Resources for the Kindergarten Classroom" (Grade K) and can first be introduced during whole class or small group math lessons before becoming options in the math center.