

Math Student Pack Activities

Colors, Shapes, & Numbers Cards
Snap Cubes® • All About Me Family Counters™
Jumbo Craft Sticks • Wikki Stix® • Math Journal

Contents may vary.

The materials in this pack were selected to support learning in any environment. Parents and children, teachers and students, and students working independently can use these hands-on manipulatives to build skills for Early Math Development. Try these easy-to-set up, ready-to-play activities using the materials included in the **Math Student Pack**. Grades Pre-K–K.



Cover Up

Materials: *Snap Cubes®; Colors, Shapes, & Numbers Cards*

- Choose a card (1-20) from the deck of Number Cards with photographs and then use the Snap Cubes to cover the number of objects on each card, counting out loud as you place each cube on top. Most children can count easily by rote, but it takes ongoing practice to master one-to-one correspondence.
- Invite children to use the Snap Cubes to count other things in the room.

Get Ready to Count

Materials: *Colors, Shapes, & Numbers Cards*

- Let children practice counting as you show them the different *numeral cards* from the deck. Mix the cards and have children arrange the cards in order starting with the lowest number.
- Mix the deck again and arrange cards in order starting from the highest number.
- Challenge older children to use the cards to count by 2s, 3s, 4s, and 5s.
- Ready for a real challenge? Use the number *word cards*, read the number word and now arrange the cards in numerical order. Flip the cards and check your answers.

Family and Friends Sets

Materials: *All About Me Family Counters™; Math Journal*

- Line up your counters to represent different family or friend groupings. How many different sets can you make?
- Draw the sets in your Math Journal and then write an addition problem using your sets. Which set has more? Which set has less?
- Line up your counters again. Who is first? Point to the second counter. Who is third? Who is last?
- When the children are finished with the math activities, use the counters for some dramatic play fun!

Shapes All Around Us

Materials: *Colors, Shapes, & Numbers Cards; Wikki Stix®*

- Choose a shape card from the deck. Look around the room and find an object with the same shape.
- Next use the Wikki Stix to create the shape from the card. Younger children can place the Wikki Stix on top of the card picture; older children can recreate the shape beside the card.
- Finally, draw the shapes in your Math Journal. See if you can combine your shapes to create a design.

Guess How Tall I Am

Materials: *Jumbo Craft Sticks*; *Math Journal*

- How many jumbo sticks tall are you? Take a guess before you begin. Write your estimate in your Math Journal.
- Lie on the floor and have someone line up the sticks from the top of your head to your toes. Count the number of sticks to see how many sticks “tall” you are. Record your measurement in your Math Journal. Compare the answer with your estimate.
- Measure other things in the room. What’s bigger? What’s shorter? Write the measurements in your Math Journal and compare your findings.
- For older children, after measuring with the craft sticks, use a standard tape measure and repeat the activity. Graph your measurements on the graphing page in your Math Journal.

Sorting Galore

Materials: *All About Me Family Counters™*; *Math Journal*

- Using the All About Me Family Counters, sort the counters into sets. Sort by color, then by size, then by shape. How many different sets can you make?
- Draw your sets in your Math Journal using colored pencils or crayons.

Craft Stick Patterns

Materials: *Jumbo Craft Sticks*; *Snap Cubes®*

- Lay out the different colored craft sticks and create a variety of patterns—starting simple and then getting more complex.
- Make it more challenging by adding the Snap Cubes to create new pattern sequences.

Craft Stick Shapes

Materials: *Jumbo Craft Sticks*; *Colors, Shapes, & Numbers Cards*

- Use the craft sticks to create shapes. For children who need visual support, use the Shape Cards from the deck as a guide. How many different shapes can you create?
- For older children, pick a numeral card (3-8) from the deck and have them use the craft sticks to create a shape with that many sides. Learn and practice the names of the different shapes.

Three-Dimensional Math

Materials: *Jumbo Craft Sticks*; *Wikki Stix®*; *All About Me Family Counters™*

- Create some 3-dimensional designs. Using the craft sticks and Wikki Stix, build a structure of various shapes.
- Add Wikki Stix to the design as decoration or a way to hold the structure together.
- Now bring in your All About Me Family Counters and dramatic play skills to explore spatial positions—place the girl counter *on top* of your building or place the boy counter *inside* your building.

Some additional items you might want to have on hand:

LER0363 Standard Tape Measures

R321 Ruler

LER0745 Bowls (for sorting)

04024 Colored Pencils

MAV1034 Mavalus® Tape (for 3D building)

949358K Math Around Us Book Set

957391 Math Every Day Book Set