Math Guide

Children learn best by doing and there is a lot of “doing” going on in the Museum.
Did you know that many of our exhibits teach children about MATH? As children play they can practice math skills such as:

  Counting
  Sorting
  Finding patterns
  Making comparisons

These are examples of prompts and open-ended questions you can ask the children as you play at each exhibit.

Have FUN! Make up some of your own questions too!

Buzzy Buzzy Bees

How many bees do you think live in this busy hive?

Find a bee and count its black stripes. Do you see stripes anywhere else?

Do bees have more or less legs than you have?
Bubbles

Which bubble wand makes the biggest bubble?
Count how long a bubble lasts before it POPS! 1,2,3,...
Which shapes do bubbles make?

Little G.R. Grocery

Help stock the shelves with fruits and vegetables. How would you display them - by color, size or type? You choose!

Find the largest and smallest fruit and vegetable in the store.

Help fill this yummy shopping list: 1 orange, 2 bananas, 3 ears of corn, 4 green peppers and 5 pears. How many items do you have all together?
Rainbow Run

How many balls can fit in a column?
Work together to fill the Rainbow using the matching ball colors.
Use the balls to make a pattern.
How far can you make this pattern go?

Funstruction

See if your group can stand 10 dominos up in a row. How about 15? 20?
Can you find some dominos that look the same?
Look for the domino with the most dots. How many dots does it have?
Little G.R. Bank

Help the bankers sort money by making groups of $1, $5, $10,...
Count how many bills are in each group.
Withdraw $10 from the ATM machine. How would you spend this money?

Light Table

How many tiles would it take to make a cube shape? Let’s try your prediction.
How about making something long and narrow or short and wide with the tiles?
Can you building something using only triangles or only squares?