

MUSEUM GUIDE PRE-K & K MATH

Use these activities to explore math across the museum

COME JOIN IN THE EXPERIENCE

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ADD & SUBTRACT: FOLLOW THAT FOOD

Become a chef and use food items to act out math problems.

- You buy 5 apples from Mr. Okra's truck. You use 3 apples to make an apple pie. How many apples do you have left?
- It's your friend's birthday, and you need to bake a cake! You buy 2 eggs and 1 gallon of milk from the grocery store. How many items did you buy?

MEASURE: DIG INTO NATURE

Be a scientist and compare artifacts from the Sharing Station.

- Use the microscope to look closely at each item.
 What do you notice?
- Hold 2 items in your hands. Which item is heavier/ lighter, longer/ shorter?
- Choose 3 items and put them in order from shortest to longest.

IDENTIFY: MAKE YOUR MARK

Become an architect and build a tower.

- Have your child recreate a shape that you make. Take turns switching roles.
- Discuss how many corners and sides each shape has.
- Look around! What shapes do you see in the museum?

COUNT: MOVE WITH THE RIVER

Set sail down the Mighty Mississippi River and count boats as they float away.

- Start with a number of boats, add more, one by one, to continue counting.
- Point to each boat as you count the number of each color.

RECOGNIZE: OUTDOOR ADVENTURES

Be an explorer and observe the natural environment.

- Collect natural materials and sort into categories like sticks versus leaves.
- Choose a category and look for items that fit, such as wildlife or things that are green.

