# At-Home Activities MathLink ${ }^{\ominus}$ Builders 

## Mathlink ${ }^{\circledR}$ Cubes Big Builders

## Color Mixing

Build the rows as seen here. Add the color they would make if they were mixed to the end of each row. Can you make any other colors?


## Three in a Row

Build a $3 \times 3$ grid of any color. Have each player choose a different color, and take turns placing their color onto the grid.The first player to get three in a row is the winner.


## Swan

Build the swan using the cubes. Can you make it any taller? Can you build a place for the swan to swim?


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## Staircase

Build a staircase using the cubes. How many stairs can you build with the cubes? How wide can you make the stairs?


## Heart

Build the heart using the cubes. What other colored hearts could you build?

## Checkered Flag

Build the checkered flag using the cubes.
What are the smallest and biggest checkered flags you could make? What other colors could you use?


## Fork in the Road

While walking down a path, you found a fork in the road missing a sign! Can you build an arrow with the cubes to show other travelers which way to go?


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## Corn on the Cob

Build the corn on the cob using the cubes. Can you remove it from the husk?


## Duckling

Build the baby duck using the cubes. What cubes could you add to make it grow up?


## Watermelon

Build the watermelon slice using the cubes. Can you cut it into smaller slices?


## Flag

Build the American flag using the cubes. How could you build a flagpole for it? Can you make flags for any other countries?


## Candy Cane

Build the candy cane using the cubes.
What is the biggest you could build it? Can you build any other candies?


## Rainbow

Build a rainbow using the cubes. How long can you make the rainbow? What is the order of colors?


Tree

Build a summer tree using the cubes. How tall can you make it? Can you change the season to Fall or Winter?


## Skateboard

Build the skateboard using the cubes. What other color skateboards and wheels can you build?


## Picnic Table

Build a checkered picnic blanket with the cubes. What other patterns could you use? Can you add legs to make it a table?


## Party Balloons

Can you build this bunch of party balloons with the cubes? What other color balloons can you add? Can you keep them all on one string?


## Write Your Name

Use your favorite colored cubes to spell your name. Can you spell using both upper- and lowercase letters?


## Toothbrush

Build the toothbrush using the cubes. What color toothpaste could you add?


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## Bumblebee

Can you build this bumblebee using the cubes? Can you give it bigger wings? What can you do to change the pattern on the bee?


## Robot

Can you build this robot with the cubes? What could you do to make it taller or shorter? Can you give it any cool upgrades?


## Barbell

Can you build this barbell with the cubes?
Can you add more weight to each side? Can you make sure the color patterns are symmetrical?


## Rocket Ship

Can you build this rocket ship with the cubes?
What other colors could you make it with? Can you add any other rocket parts?


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## Flower Garden

Can you build these flowers using the cubes? What other color flowers can you build? Can you make some flowers bigger than others?


## Missing Glasses

The old man lost his glasses! Can you build a new pair for him using the cubes? What kind of color combinations can you use?


