## Math Talk

## Child Vocabulary:

## Math Vocabulary

Two-Dimensional (2D) Shapes

Three-Dimensional (3D) Shapes

## Age-Appropriate Definition

"Shapes that are flat"
"Shapes that can hold something inside of them."

## Hand Motion

Clap hands together

Hook arm around side and use the other hand to point into the hole.


## Adult Vocabulary:

## Math Vocabulary

Hexagons

## Definition

Any shape with 6 sides. Look at all these different hexagons!


## Build

## Teaching Strategies GOLD Objective:

## 216 Understands Shapes:

(Yellow, Green, Blue, Purple) Matches two identical shapes; identifies a few basic shapes (circle, square, triangle); describes basic two- and three-dimensional shapes using own words; recognizes basic shapes when they are presented in a new orientation


## Book Recommendation:

A Triangle for Adaora
by Ifeoma Onyefulu

## Play and Connect

Here are some ideas for continuing to play and learn about shapes!

## In The Classroom:

$\gg$ Provide students with a handful of popsicle sticks. Pull a number from a hat or bowl. Ask students to try to make a shape using that number of sticks. Discuss the different shapes students made; how are they similar or different?
> In the block center, model for students how to create a blueprint. Draw different shapes to represent the blocks you will use in your tower. Then, invite students to be architects and create their own blueprint before they build a tower. Talk about the shapes that they used in their blueprint.

## At Home Visit:

>> Gather sticks from outside. See what different shapes you can make using the sticks.
>> Go on a shape hunt. See what different shapes you can find.
For example, a street sign is a rectangle!
$\gg$ Encourage families to discuss the shape of various food items and utensils when they are eating. For example, you may discuss how a plate is like a circle or a slice of pizza is like a triangle because it has 3 sides.

Shape Matcher
Matches two identical shapes. Finds 2 orange square pattern blocks and says "these are the same!"


Sprove 3 Years

## Basic Shape Identifier

Identifies a few basic shapes such as triangle, square or circle. Looks at a green triangle pattern block and says, "it's a triangle!"


2D Shape Describer
Describes basic 2D shapes using their own words. Says, "It's a triangle because it looks like a slice of pizza!"


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5 Years/Kinder

## 3D Shape Describer

Describes basic 3D shapes using their own words. Says, "It's a sphere because it looks like a ball!"

Recognizes basic shapes when they are presented in a new orientation. Says, "It's a triangle no matter how you turn them!"

Learn more about playing math at
Zenomath.org/partner-resources/

