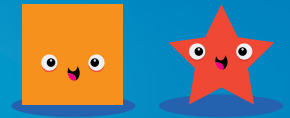


# Stick Figures



## INSTRUCTOR GUIDE

### Math Talk

#### Child Vocabulary:

##### Math Vocabulary

Two-Dimensional (2D) Shapes

##### Age-Appropriate Definition

“Shapes that are flat”

##### Hand Motion

Clap hands together



#### Adult Vocabulary:

##### Math Vocabulary

Hexagons

##### Definition

Any shape with 6 sides.

Look at all these different hexagons!



**Self-Talk:** is when you narrate your own actions. Here are some examples of how to use self-talk to shapes:

- » When traveling, “The speed limit sign is a rectangle because it has 2 long sides and 2 short sides.”
- » When drawing or coloring, “I am going to draw a circle for the sun. A circle goes around and around!”

**Parallel-Talk:** is when you narrate the child’s actions. Here are some examples of how to use parallel-talk to practice shapes:

- » When playing with play dough say, “I noticed that you cut your play dough into a square. It’s a square because it has 4 equal sides!”
- » When playing with pattern blocks say, “I see that you put two red trapezoids together to make a hexagon!”

# Build

## Teaching Strategies GOLD Objective:

### 21b Understands Shapes:

(Yellow, Green, Blue, Purple)

- Combines and separates up to five objects and describes the parts.
- 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:

Round is a Mooncake by Roseanne Thong

### Activity Recommendation:

Shape Yoga

## Play and Connect

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

### In The Classroom:

- >> 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!
- >> 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.

## TS GOLD ALIGNMENT

Game Level

Name/Description



Seed

2 Years

### Shape Matcher

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



Seed

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!"



Sprout

4 Years

### Shape Constructor

Makes a shape that looks like a goal shape, but may not be exact.



Bloom

5 Years/Kindergarten

### Complex 2D Shape Recognizer and Descriptor:

Recognizes more shapes including hexagon, rhombus, and trapezoid. Describes shapes using number of sides and angles.