



# 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



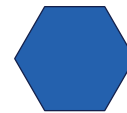
### Adult Vocabulary:

#### 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 practice shapes:

- » When traveling say, "The speed limit sign is a rectangle because it has 2 long sides and 2 short sides."
- » When drawing or coloring say, "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

### Objective: 21b Understands Shapes:

(Green, Blue, and 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:

Round is a Mooncake  
by Roseanne Thong

#### Activity Recommendation:

Shape Yoga

## Play and Connect

Here are some ideas for continuing to play with 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 Visits:

- » Have parents gather sticks from outside with their child. They can see what different shapes they can make using the sticks.
- » Have parents go on a shape hunt with their child. They can see what different shapes they can find. For example, a street sign is a rectangle!
- » Encourage parents to discuss the shape of various food items and utensils when eating with their child. For example, they 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/  
Kinder

#### Complex 2D Shape Recognizer and Describer

Child begins to make pictures in which each shape represents a unique role. A child at this level can fill simple outline puzzles using trial and error.

Learn more about playing math at  
[Zenomath.org/partner-resources/](https://zenomath.org/partner-resources/)