

Grade: SK- Mathematics : Rhythm Builders Math Lab

Composing to 10 · Pattern Creation · Math Communication

Duration: 20 min discovery station

Instructions: Build beat-based counting patterns with movement, music, and math talk!

1 Shape Safari

Circle all the triangles, squares, and circles in the picture.

Write how many of each.

2. Build a Shape Story

Draw a house using 1 triangle and 2 rectangles.

Add a circle for the sun!

3. Size Match

Draw 3 shapes: small, medium, and large.

Label each one.

4. Measure & Compare

Use your fingers or a ruler to find which shape is **“tallest”** and which is **“shortest”**.

5. Sort It Out

Group shapes by **“number of sides.”**

Triangle → 3 Square → 4 Rectangle → 4 Circle → 0

6. Shape Hunt

Find 5 shapes around your classroom or home.

List them: _____

7. Story Time

Tell a short story using 3 shapes as characters.

Example: “The circle rolled to meet the triangle!”

8. Shape Puzzle

Draw one shape hiding behind another.

Guess which shapes are overlapping.

9. Creative Build

Make a robot or castle using only squares and rectangles.

10. Reflection

Which shape was easiest to draw? Which one was tricky?

 **Tutoring Tip:** Encourage kids to “feel” numbers through beats and movement.

Grade: SK- Mathematics : Rhythm Builders Math Lab

Composing to 10 · Pattern Creation · Math Communication

Duration: 20 min discovery station

Instructions: Build beat-based counting patterns with movement, music, and math talk!

1. Beat & Count

Clap your hands **5 times**, stomp your feet **5 times** — how many beats in total?

2. Body Percussion

Tap your knees twice and snap your fingers three times.

→ Total sounds = _____

3. Counting Drum

Draw 10 circles (like drum hits). Color 4 red and 6 blue. How many altogether?

4. Pattern Beats

Continue the pattern:  _____

5. Number Music

Write the missing numbers:

 6, 7, ___, 9, ___

6. Rhythm Train

Each car has 2 beats. Draw 5 cars.

How many beats in the train?

7. Count & Move

Jump 3 times, clap 2 times, and nod your head 5 times.

Add all moves = _____

8. Build to Ten

Color squares to make 10 (e.g., 7 red + 3 blue).

Write your combo: ___ + ___ = 10

9 Math Talk

Describe your favorite beat pattern using numbers (e.g., “I did 2-2-4!”).

10. Share & Reflect

What helps you remember patterns — sound, color, or movement?

 **Tutoring Tip:** Encourage kids to “feel” numbers through beats and movement.