# Repeat Pattern Lab

Find the core, extend it and create a pattern.

**K.PFA.1** · The student will identify, describe, extend, and create simple repeating patterns using various representations. Identify and describe the core found in repeating patterns. Extend a repeating pattern by adding at least two complete repetitions of the core to the pattern. Create and describe a repeating pattern using objects, colors, sounds, movements, or pictures.

Name _____ Date _____

**Find the repeating core**

Look at the pattern. Circle the smallest part that repeats. Say or describe it.



**Extend the pattern**

Draw two more complete repeats of the core after this pattern.



**Create your own**

Choose shapes and their order. Draw your own core three times. Circle one core and explain it.

**Teaching and assessment**

Read directions aloud as needed. Let children inspect the printed stimuli before responding. Accept pointing, drawing or oral explanation. Do not supply the core or rule. Assess the pattern, not artistic neatness.

**1**

Core circle-square.

**2**

Add triangle-circle-circle twice.

**3**

Any consistent student-chosen core shown three times with matching explanation.