

Make It From Memory

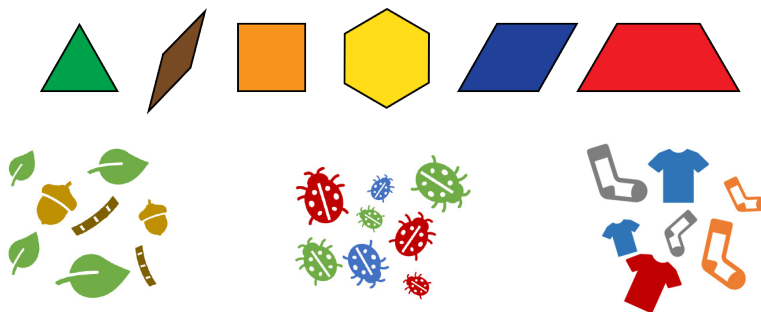
Players 1-4 Ages 5+ 5-10 min

GOAL

To copy a pattern from memory.

MATERIALS

Any materials you have enough of to make a pattern.



1 cloth, piece of paper, or other covering



VOCABULARY

Pattern: a design that repeats in a predictable way so that you know what comes next

Repeat

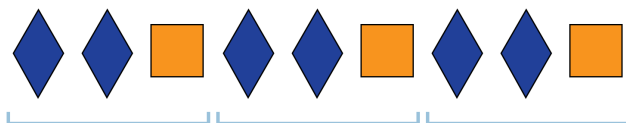
QUESTIONS

What is the part that repeats in this pattern?

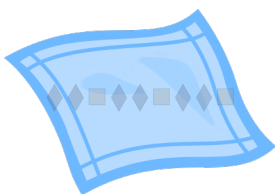
How did you remember how to make the pattern?

HOW TO PLAY

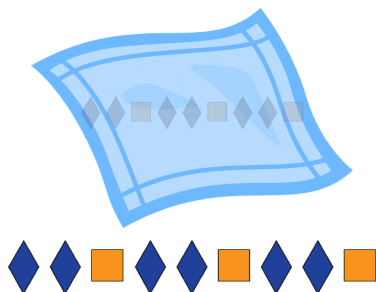
1. Create a pattern with at least two repeating units.



2. Make a pattern and hide it under something so no one can see it.



3. Give children the same materials you used to make the pattern.
4. Say, "I'm going to show you a pattern for just a short time, then I'm going to hide it. Then you can try to make the same pattern from memory."
5. Show the pattern for a few seconds. For children just learning, show it for longer. You can reduce the time you show the pattern as children get more practice.
6. Give children time to make the pattern.



7. Ask, "How did you remember how to make the pattern?" Talk about how they remembered.

TIPS FOR PLAYING

- This game is challenging! Make sure children have lots of experience with patterns before you play.
- Let children peek if they want to. Over time, they will peek less and less.

WHAT CHILDREN ARE LEARNING

- Children are practicing both their patterning and memory skills. The more complex a pattern is, the more challenging it is to remember! Once children are able to recreate simple AB patterns, like red-blue, red-blue, from memory, challenge them to try to remember patterns with other structures, like ABC (red-blue-green), or even ABCA (square-triangle-circle-square) from memory!
- Encourage children to name the part of the pattern that is repeating. When children are ready, you can challenge them to copy the same pattern structure using different materials. (See **Same Rule, Different Stuff** for more).

MATH TOPICS

Patterns and Structure

Shapes and Geometry

VIDEO



Watch Game Video

View the QR code in your smartphone's camera app or QR code reader to watch a video that shows how to play Make It From Memory.