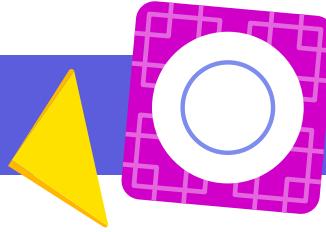


Extended Learning for Educators
MEMORY MATCH



Purpose

To practice and strengthen:

- Working memory – recalling shapes and manipulating them by changing their location, size, and orientation
- Shape-to-object knowledge – the understanding that objects in the environment are comprised of shapes

Learning Goals

Use working memory skills to:

- Recall shape combinations and spatial relationships
- Recall matching objects
- Recall the spatial location of objects

What You Need

- Plates of different sizes in circle shape
- Napkins in square shape
- Placemats in square or rectangle shape
- Paper, pencils, and crayons

Step 1 Go to any level children completed in the RelationShapes™ app and replay the final item. (NOTE: Memory items are always the last two items in a level.) Have children create a new shape combination in Picture It.

Step 2 Working together, recreate the shape combination on a table using actual objects. Use plates to represent circles, placemats as squares, and folded napkins as triangles. (TIP: You can use any objects with a clear circle, square, or triangle shape for this activity.)

Step 3 Have children look closely at the shape objects for 5-10 seconds, then ask them to turn around.

Step 4 Reshuffle the objects and place them in a pile on the table.

Step 5 Ask children to, “*Put these objects back exactly as they looked before.*” Repeat this activity multiple times, progressing to items in more advanced levels.

SHOW WHAT YOU KNOW!

- Modify the above activity to check children’s working memory skills:
 - ◆ Remove the shape objects after 5-10 seconds. Ask children to draw the shape combination from memory.
 - ◆ While children turn around, change the location or orientation of one shape object in the combination. Ask children to find and fix it.
 - ◆ Have children look closely at the shape combination in any Picture It item. Take away the tablet and ask them to recreate the combination from memory using the plates, placemats, and folded napkins to represent the shapes. Repeat with increasingly challenging combinations.