

Matching Concept

Definition

Matching involves identifying two or more things that are the same, suitably paired, or that are used together.

Why Is Matching Important?

Matching is a fundamental educational skill that helps children develop:

- Visual memory
- Short-term memory

Matching games often involve strategy, helping children to develop their problem-solving and analytical thinking skills while building general knowledge.

Prerequisites

Prerequisites for matching games vary by game design. For the VoiceOver Playgrounds matching activities, children should be familiar with:

- 1-Finger Tap
- Drag and Split Tap
- Spatial Awareness (Corners)

How Does VoiceOver Announce Matching?

- VoiceOver announces the item that has the focus, but there is no specific announcement for matching.

Navigating Matching Activities

- Navigation methods depend on the specific game design.

Earcon

- A “click” sound plays when navigating to an item on the screen.

Lessons

Lessons without detailed explanations were covered in previous lessons.

Lesson 1: 1-Finger Tap

Lesson 2: Drag and Split-tap

Lesson 3: Spatial Awareness Corners

Lesson 4: Matching Activity

- **Goals:**
 - Learn to match sound effects to their corresponding jobs.
 - Reinforce corner navigation and split tapping.
- **Screen Layout:** Four icons are positioned in the corners of the screen.
 - Fire truck – Top left corner
 - Car – Top right corner
 - Airplane – Bottom left corner
 - Cash register – Bottom right corner
- **Breakdown:** Child is asked to match a type of worker with the sound of the associated tool or item that the worker may use.
 - Drag to explore the items in the four corners.
 - Drag a finger to the top left corner and split tap on the sound a fire fighter might hear (fire truck).
 - Drag to the bottom right to find a sound that a cashier might hear (cash register).
 - Drag to the bottom left to find a sound that a pilot might hear (plane).
 - Drag to the top right to find the sound a mechanic might hear (car).

This structured approach helps children improve listening, memory, spatial awareness, matching and strengthen problem-solving skills while practicing the drag and split tap gesture.