Teacher-based Patterning Assessment (6-7mins)

Next we’re going to play some more games with patterns, okay? I just want to see if you can help me solve some pattern puzzles I brought with me. Let’s try one.

1. WHATS NEXT Outdoors

   **Outdoors 1.** Take out the first pattern worksheet (#1) and arrange response items (flower, umbrella, rain cloud, kite, and sun) in a random order in the empty space at the bottom of the page (when oriented horizontally). Then show the child the first pattern item on the first page (umbrella, umbrella, flower…).

   Say:
   
   **What comes next in the pattern?** [Gesture to the box on the right of pattern]? **Use one of these** [Gesture to the response option pictures].

   Scoring: 1 for umbrella

   **Outdoors 2.** Return the picture(s) the child used to the line of pictures at the bottom of the page. Repeat the same script but pointing to the second pattern (flower, kite, rain cloud, flower, kite).

   **What comes next in the pattern?** [Gesture to the box on the right of second pattern item]? **Use one of these** [Gesture to the response option pictures].

   Scoring: 1 for cloud

2. COMPLETE Beads

   **2a.** Take out the second pattern worksheet (#2) arrange response options (yellow, dark blue, light blue, green, orange bead pictures) in a random order in the empty space at the bottom of the page.

   Say:

   **Find the missing bead** [Gesture to the response options] **to complete the pattern** [sweeping gesture across the pattern].

   Scoring: 1 for yellow bead

   **2b.** Return the picture(s) the child used to the line of pictures at the bottom of the page. Repeat the same script but pointing to the second pattern (light blue, green, BLANK, light blue, green, orange).

   **Find the missing bead** [Gesture to the response options] **to complete the pattern** [sweeping gesture across the pattern].

   Scoring: 1 for red bead

   **2c.** Return the picture(s) the child used to the line of pictures at the bottom of the page. Repeat the same script as above, but pointing to the third pattern (dark blue, light blue, light blue, dark blue).

   **Find the missing bead** [Gesture to the response options] **to complete the pattern** [sweeping gesture across the pattern].

   Scoring: 1 for light blue bead
3. EXTEND M&M’s

3a. Take out the third pattern worksheet (#3) and laminated response options (4x Red, yellow, green, & blue M&M’s) and arrange them in random order in the empty space at the bottom of the page (when oriented horizontally). Say: 

Can you complete the pattern [Gesture to the circles on the right of pattern.]?

Scoring: 1 for Yellow, red, yellow, red).

3b. Return the picture(s) the child used to the groups of pictures at the bottom of the page. Repeat the same script but pointing to the second pattern (Blue, blue, red, red, blue, blue).

Can you complete the pattern [Gesture to the circles on the right of pattern.]?

Scoring: 1 if red, red, blue, blue

3c. Return the picture(s) the child used to the groups of pictures at the bottom of the page. Repeat the same script but pointing to the second pattern (Blue, red, green, Blue, red, green).

Can you complete the pattern [Gesture to the circles on the right of pattern.]?

Scoring: 1 if blue, red, green, blue

4. ABSTRACT TO SHAPE ABAB and ABBBA

4a. Take out the fourth pattern worksheet (#4) and randomly arrange the 8 butterflies and 8 bananas in the empty space at the bottom of the page (when oriented horizontally). Say:

Can you make the same kind of pattern with your pictures [Gesture to the empty boxes below the model pattern]?

Scoring: 1 if ABABABABAB

4b. Keep out the fourth pattern worksheet (#4) and randomly arrange 8 ducks and 8 strawberries in the empty space at the bottom of the page (when oriented horizontally). Can you make the same kind of pattern with your pictures [Gesture to the empty boxes below the model pattern]?

Scoring: 1 if ABBBABBB