# Clip Sequencing

Follow basic patterns by attaching clips to printed cards. Pattern difficulty increases from Level 1 to Level 3.

#### **Materials**

- 1 large storage bin
- 150 clips in 4 colors
  - 4 small storage bins
  - 1 clear plastic snap box
- 60 printed cards:

12 Level 1 cards

24 Level 2 cards

24 Level 3 cards



# MATCH TO SAMPLE PATTERN: A - Red A - Red A - Red A - Yellow A - Y

# Setup

Place the snap box with the cards on the table to the left. Place the bins with the clips in a row, left to right, in any color order, to the right of the card box. Place the open-faced storage bin either behind the row of clips or to the right.

#### **Procedure**

#### **Level 1: Match to Sample**

Setup: Select the green-labeled cards and place them in the open snap box at the left. Set the other cards aside. Using the top card, make an AB sequence using any 2 colors. Repeat the sequence twice, placing 6 clips on the bottom edge of the card over the gray marks (ABABAB). This is the sample.

- Take a card from the box and attach colored clips in the same pattern as the sample.
- When all clips are attached, place the card in the large storage bin.
- · Repeat until all cards are gone.

## **Level 2: AB and ABC Sequencing**

Setup: Select the blue-labeled cards and place them in the open snap box at the left. Set the other cards aside.

- Take the top card and follow the pattern by attaching the matching colored clip over the top of the colored guides on the card.
- When all clips are attached, place the card in the large storage bin.
- · Repeat until all cards are gone.

## Level 3: ABB, AAB and ABCD Sequencing

Setup: Select the red-labeled cards and place them in the open snap box at the left. Set the other cards aside.

- Take the top card and follow the pattern by attaching the matching colored clip over the top of the colored guides on the card.
- When all clips are attached, place the card in the large storage bin.
- Repeat until all cards are gone.



#### **Quality Criteria**

The colored clips must be securely attached to the cards and must match the pattern on the card.

# **Variations with Clip Sequencing**

#### Other patterns:

Make different patterns on the Level 1 cards. For instance, try ABA, ABA.
 Students can also make repeating patterns on a table top.

#### **Connect the clips:**

• Connect the clips together to make patterns, shapes or letters.



# **Disassembly**

A different person should disassemble the task. In most cases, a task will need to be disassembled after each level is completed.

# **Setup**

Place bins and supplies as in the assembly task.

### **Procedure - All Levels**

- · Take a completed card from the large storage bin.
- Unclip the clips and return them to the small storage bins, one color per bin.
- Place the empty cards with the pattern bars face up in the snap box on the far left.
- · Repeat until all cards are disassembled.