Pattern Builders

Use real objects to copy, extend and create.

NY-K.OA.6 · Duplicate, extend, and create simple patterns using concrete objects.

Name _____ Date _____

Copy and extend

Your teacher builds pencil, book, pencil, book. Make an exact copy beside it. Then add two more objects. Draw what you made.

Make your own

Choose two or three kinds of classroom objects. Choose your own repeating core. Build it three times. Show an adult the core and tell how it repeats.

Record and continue

Draw your whole pattern above or here. Then draw one more complete repeat. Ask a partner to find the core.

Teaching and assessment

Read directions aloud as needed. Let children inspect the printed stimuli before responding. Accept pointing, drawing or oral explanation. Do not supply the core or rule. Assess the pattern, not artistic neatness.

1

Materials: pencils, books and paper clips, enough for three repeats per pair. Teacher supplies objects and builds only the first model. Copy pencil-book-pencil-book; next pencil-book.

2

Do not dictate ABAB or a numerical code. Accept any consistent student-chosen core repeated three times. Observe the actual construction.

3

Drawing/description matches the constructed pattern and adds one whole core. No predefined written answer is required.