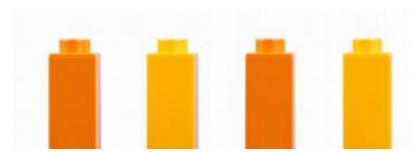


Brick Patterns

Practice recognizing and making patterns



ENGAGE

Tell the students that they are going to explore patterns. Ask the following questions to help them connect with the lesson:

- What are patterns?
- What are some examples of patterns?
- Can you find a pattern around our classroom?

Tell the students that they are going to become a "living pattern". Ask them to stand in a circle. Tell every other student that they should say "awesome" when you point to them and tell the other students that they should say "patterns."

Go around the circle pointing to each student. It should sound like, "awesome, patterns, awesome, patterns."

Explain that this is a pattern and that parts of a pattern repeat, which means that once they understand the repeating order, they will know what comes next.

EXPLORE

Tell the students that they are going to create their own patterns. Using their LEGO bricks, students should create different types of patterns (i.e., color, shape, size, etc.).

EXPLAIN

Encourage students to discuss their patterns. Consider asking questions like:

- Tell us about your pattern.
- What part of your pattern repeats?
- How many times does your pattern repeat?

ELABORATE

Have students continue to make patterns, but challenge them to create a pattern with a missing part. Have students work together to solve each other missing parts within the patterns.

EXTEND

Brainstorm a list of patterns—what types of patterns can be found around us? Think about number patterns, color patterns, design patterns, etc.