Lesson 12: Más de una manera de formar una figura

Standards Alignments

Addressing   K.CC, K.CC.A.3, K.CC.B.5, K.CC.C.6, K.G, K.G.B.6

Teacher-facing Learning Goals

- Put shapes together in multiple ways to form larger shapes.

Student-facing Learning Goals

- Encontremos de cuántas maneras diferentes podemos formar una figura.

Lesson Purpose

The purpose of this lesson is for students to put together shapes in multiple ways to form larger shapes.

In previous lessons, students filled in puzzles using pattern blocks. In this lesson, students notice that there are multiple ways to put together pattern blocks to make a shape as they fill in more complex puzzles. They begin by filling up a pattern block puzzle that doesn't show the individual shapes, which requires changing the orientation of shapes. Then they create the same shapes using different pattern blocks. Students should have access to pattern blocks throughout the lesson, including during the lesson synthesis.

Access for:

⬥ Students with Disabilities

- Engagement (Activity 1)

⊕ English Learners

- MLR8 (Activity 2)

Instructional Routines

Which One Doesn't Belong? (Warm-up)

Materials to Gather

- Materials from previous centers: Activity 3
- Pattern blocks: Activity 1, Activity 2

Materials to Copy

- Pattern Blocks Stage 5 Mat (groups of 2): Activity 1
- Pattern Blocks Stage 5 Recording Sheet (groups of 2): Activity 1

Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	10 min
Activity 3	20 min
Lesson Synthesis	10 min

Teacher Reflection Question

What do you love most about math? How are you sharing that joy with your students and encouraging them to think about what they love about math?

Cool-down (to be completed at the end of the lesson)

🕐 0 min

Unidad 3, punto de chequeo de la sección B

Standards Alignments

Addressing   K.CC, K.G

Student-facing Task Statement

Lesson observations

Student Responses

- Identify the pattern blocks needed to fill a puzzle.
- Compare the number of pattern blocks used to make a shape.
- Count the number of pattern blocks used to make a shape.