Symmetry in Shapes

Today's Standard

HSG.CO.A3 - Given a rectangle, parallelogram, trapezoid, or regular polygon, describe the rotations and reflections that carry it onto itself.

Real-World Applications for this Standard

Designing logos with symmetrical properties; Creating tessellations for art projects; Analyzing architectural structures; Understanding molecular structures in chemistry; Programming animations in computer graphics

Today I Learned

Today we learned about symmetry in shapes. We talked about how to turn and flip shapes like rectangles and polygons to see if they look the same.

Common Stumbling Blocks

Sometimes kids think all shapes have the same number of lines where you can fold them to make them look the same. Another mistake is thinking turning a shape all the way around changes it.

Quiz Me

- What is symmetry?
- Can you name a shape with symmetry?
- What happens if you turn a shape all the way around?
- How do you find a line of symmetry?
- Why is symmetry important?

Help Me

Symmetry means a shape looks the same when you turn or flip it. We see symmetry in things like buildings, art, and nature. Learning about symmetry helps us understand the world around us.