



Attributes of 2D Figures

Today's Standard

5.G.B3 - Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles and squares are rectangles, so all squares have four right angles.

Real-World Applications for this Standard

Identifying shapes in architecture (e.g., windows, tiles); Designing patterns for art projects; Understanding maps and floor plans; Classifying leaves and other natural objects; Programming basic shapes in computer graphics

Today I Learned

Today we learned that all rectangles have four right angles and that squares are a type of rectangle, so all squares have four right angles too.

Common Stumbling Blocks

Some kids might think all four-sided shapes are rectangles. Another mistake is thinking squares aren't rectangles because they look different. But squares are rectangles with all sides the same length.

Quiz Me

- What shape has four right angles?
- Is a square a type of rectangle?
- How many sides does a rectangle have?
- What makes a square special?
- Can all four-sided shapes be rectangles?

Help Me

A rectangle has four right angles, like the corners of a piece of paper. A square is a special kind of rectangle where all four sides are the same length. You can see these shapes in things like windows and tiles.