Classifying 2D Figures by Properties

Today's Standard

5.G.B4 - Classify two-dimensional figures in a hierarchy based on properties.

Real-World Applications for this Standard

Sorting shapes in nature (e.g., leaves, crystals); Organizing geometric designs in art; Classifying road signs based on shape; Grouping tiles for flooring patterns; Identifying shapes in architectural designs

Today I Learned

Today, we learned how to sort and classify shapes based on their properties, like the number of sides and angles.

Common Stumbling Blocks

Sometimes, kids think all shapes with the same number of sides are the same. They might also think that shapes can't be in more than one group. But shapes can have different properties and can belong to more than one group.

Quiz Me

- How many sides does a triangle have?

- Can a square be a rectangle?

- What makes a shape a quadrilateral?

- Can a shape be in more than one group?

- What is a property of a shape?

Help Me

Shapes are all around us! We can sort them by looking at how many sides they have or how their angles look. For example, a stop sign is an octagon because it has eight sides. By learning to classify shapes, we can understand more about the world around us.