

Objective

By the end of this lesson, you will be able to identify different types of angles and understand the concept of geometric sticks.

Materials and Prep

- Pen or pencil
- Blank paper or notebook
- Ruler

No prior knowledge or preparation is required for this lesson.

Activities

1. Introduction to Angles: Start by explaining what angles are and provide examples of different types of angles such as acute, right, and obtuse angles. Draw these examples on the paper and label them.
2. Angle Hunt: Go on a scavenger hunt around your house or outdoor area to find objects with different angles. Draw the objects and label the angles you find.
3. Geometric Sticks: Introduce the concept of geometric sticks by explaining that they are sticks of different lengths that can be joined to form various shapes. Using your ruler, measure and cut sticks of different lengths. Show how sticks can be joined to form triangles, squares, and rectangles. Allow the student to experiment with creating their own shapes using the sticks.
4. Shape Sorting: Give the student a collection of shapes (cut out from paper or drawn) and ask them to sort the shapes into groups based on the number of angles they have. For example, triangles, squares, and rectangles would go in one group, while circles and ovals would go in another.

First Grade Talking Points

- "Angles are like corners on shapes. They can be small like a pointy hat or big like an open door!"
- "Can you find any angles in our classroom or your bedroom? Look for things with corners and see if you can find any angles!"
- "Geometric sticks are special sticks that we can use to make different shapes. We can join them together to create triangles, squares, and rectangles!"
- "Let's sort these shapes based on how many angles they have. Some shapes have three angles, some have four, and some have none!"