

Objective

By the end of this lesson, you will be able to understand angles and how they are used in art and math.

Materials and Prep

Materials needed: pencil, paper, ruler, protractor

Prior knowledge: basic understanding of shapes and how to use a ruler

Activities

- **Drawing Angles:** Use your ruler and pencil to draw different angles on your paper. Try drawing acute angles, obtuse angles, and right angles.
- **Angle Hunt:** Look around your house and find objects that have angles. See if you can identify whether they are acute, obtuse, or right angles.
- **Angle Art:** Create a geometric art piece using only angles. You can make a pattern or a design using different types of angles.

Talking Points

- **What are angles?**
"Angles are corners or turns. They help us measure how much something turns or bends."
- **Types of angles:**
"There are different types of angles. Acute angles are small like a slice of pizza, obtuse angles are bigger like an open book, and right angles are like the corner of a piece of paper."
- **Using a protractor:**
"A protractor is a tool that helps us measure angles. You can use it to see how big or small an angle is."
- **Angles in art:**
"Artists use angles to create interesting shapes and designs in their artwork. You can use angles to make your art more exciting!"