

Math 4 - Act. 14: Identifying Angles

Summary

This activity will help students identify attributes of angle.

Materials

See the Right Angle Guide explaining how to make a right angle guide to help students determine if the angle is right, obtuse, or acute.

Additional Resources

Shape Bait from by Publications. This is a daily activity that analyzes shapes. Students have many opportunities to measure and determine angles and attributes of a shape.

Background for Teachers

Students will use background information learned by paper folding quadrilaterals and sorting activities to identify attributes of angle.

Intended Learning Outcomes

3. Reason mathematically.

Instructional Procedures

Invitation to Learn

Are there different kinds of angles in the world? Why would we want to know about different angles? Which angles are used most often in buildings? Why?

Instructional Procedures

Lesson 1

Use body parts to demonstrate the different angles

Define and give definition to the different angles.

Use laminated pieces and have students identify different angles.

Lesson 2

Have students examine different fittings for pipe. Explain how fittings are labeled, such as: tee, elbow (90 or right angle), or 45 degree angle. Find other examples in the world that demonstrates angles (e.g., a reclining chair is an obtuse angle).

Curriculum Integration

Math/Science—Discover different angles our bodies can make.

Extensions

Homework & Family Connections

Look at different houses that they drive past and determine which angles are present.

Assessment Plan

Geometry scrapbook assignment

Authors

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