

# 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

[Utah LessonPlans](#)