

EXPLORATION 6 PROCEDURE

Part 1: Building the ARIES Suntracker

Collect the following materials with your partner.

✓	Materials Checklist
	Wood block, about 9 centimeters x 15 centimeters (about 3 1/2 inches x 6 inches)
	Two 2.5 centimeter (1 inch) nails
	White paper
	Scissors
	Metric ruler

1. Cut out the protractor scale template along the dotted lines. Glue the scale to the wood block (see Figure 1 on page 28).
2. Locate the black dot printed near the top of the protractor scale. Hammer one nail about one-third of the way into the block of wood at the dot, so that the nail is perpendicular to the face of the protractor (see Figure 1).

Protractor Scale Template

