

Astronomical Quadrant DIY Guide

Materials Needed

- 180° Protractor
- Straw
- String (20-30 cm)
- Small weight (nut, washer)
- Tape or glue
- Phone holder (optional)
- Laser pointer (optional)
- MPU6050 + Arduino (optional advanced)

Instructions

1. Attach the straw along the straight edge of the protractor.
2. Tie the string through the midpoint with a small weight.
3. Align using straw; measure angle from string.
4. Use phone inclinometer or laser pointer to enhance accuracy.