

By experimenting with different materials to observe how slippery or not slippery they are, you can help design the best slip 'n slide shoes ever!

Now that you have your stuff, here's what you'll do:

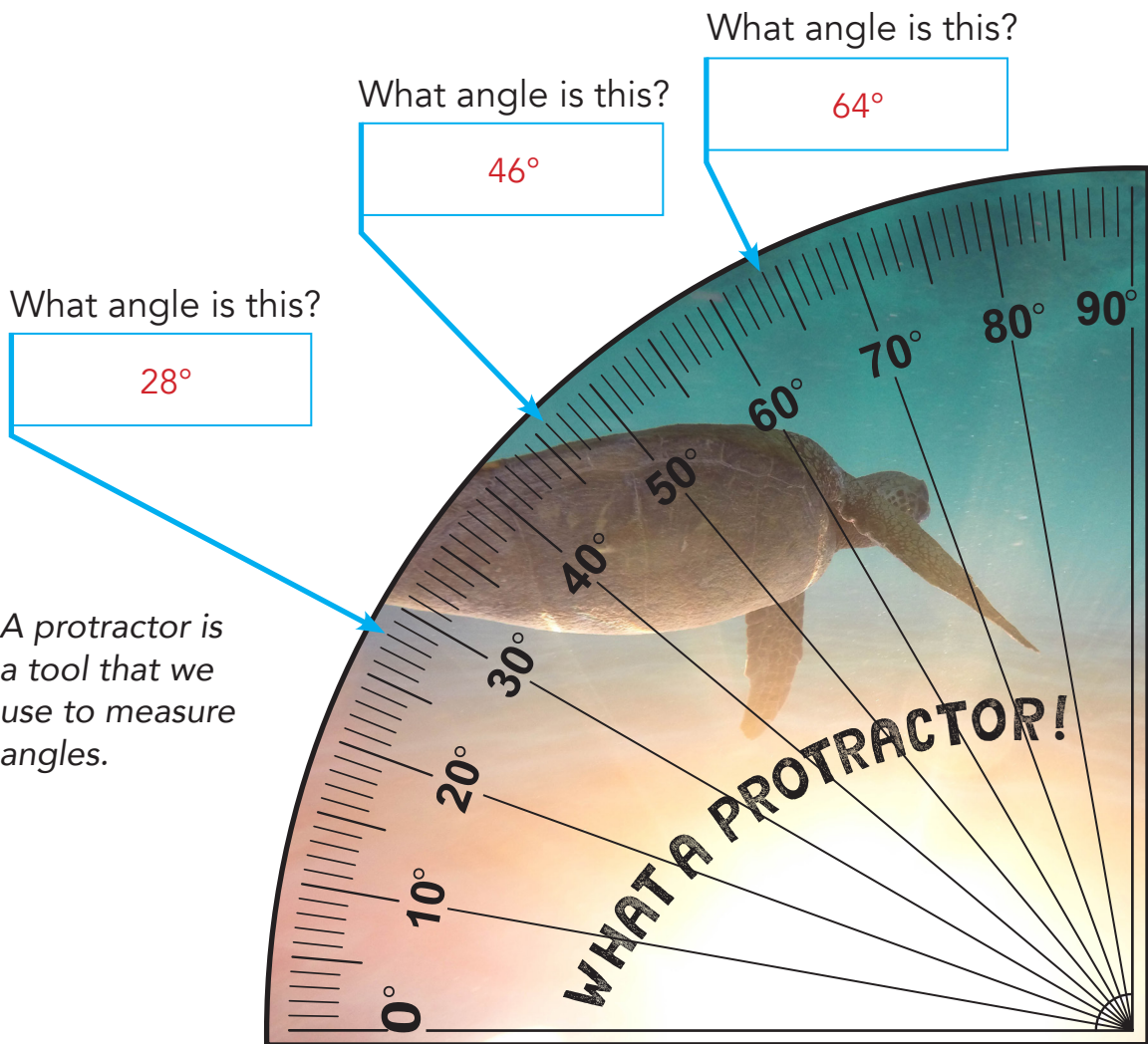
1. Put the material to be tested onto the bottom of Blocky.
2. Partner 1 places Blocky on Roxy ramp and slowly lifts one end of the ramp. Watch for the moment that Blocky starts to slip. When you see it start to slip, hold the ramp in place.
3. Partner 2 uses the protractor to measure the angle that Blocky starts to slip.



Get ready to measure angles

You will get to measure angles with a protractor as you experiment. When you measure an angle, it will tell you how steeply your ramp is tipped. A protractor can help you measure this angle. We measure angles with a protractor in degrees.

Practice reading the protractor. Each line on the protractor is one degree.



Cut out the protractor from the back cover of your book.