

How to use your Quadrant

1. *Wait until the sun has set and pick a bright star in the sky.*
2. *With arc of the quadrant facing towards you, look along the straight edge, through the tiny gap between the two sights.*
3. *Line up the star between the sights, so it looks as though it is resting on the end of the quadrant.*
4. *Let the string hang down and then hold it in place.*
5. *Read off the number on the arc. That number is the height of the star in degrees.*
6. *The stars will be in a different place in the sky depending on:*
 - a) *the time of night*
 - b) *how far north or south you are*

...if you are too excited to wait until night fall!

1. *Cut out and colour in the star from the template.*
2. *Stick the star at different points on your wall.*
3. *Practice measuring its height in degrees.*

*Warning! You should never look directly at the Sun.
It can make you blind.*