

Let's build a Sundial (or solar watch)

INSTRUCTIONS

1. Download our 'Romans style' solar watch
2. Cut the triangle all along (dark base included)
3. Gluing the two triangles together
4. Now, bend the triangles along the base 'x' in opposite directions
5. Glue the two triangles together
6. Make a cut along the red line on the *Sundial*
7. Glue it on the bottom on both sides (in opposite directions)

NOTE: Now, our solar watch is ready

How to make it work?

Following this simple step to make our *Sundial* to work in an easy and accurate way without all the necessary formulas and the knowledge of the north, the south, the attitude and longitude, plus, to be able to use it everywhere, doesn't matter where you are in the world, we are going to use an easy trick just, please, go to doing as following:

1. Wait for the hour (e.g. 12pm) and rotate our sundial until the shadow of the *Gnomon* (the triangle we have glued before on our sundial) is exactly on the number 12 [XII] and you have now your sundial portable and no more worry about our dependence from the digital world.

NOTE: For a better result is advice to use a thick paper especially for the *Gnomon* it is crucial for the accuracy of our artefact, that's maintain on both sides an exactly 90 degree angles.

Goodluck with your Sundial!
Goodbye by now [:-)

