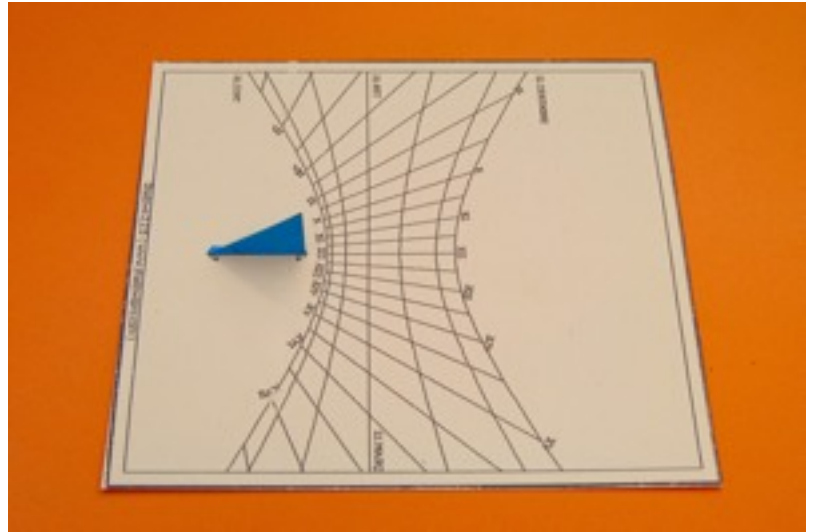


SUNDIAL CALENDAR

The model we show here has been made using the Shadows Pro (<http://www.shadowspro.com/>) software, and works for sites at 40° latitude.



What you need

- Cardboard
- Scissors
- Glue

What to do

Print the dial and the gnomon on a cardboard and cut them (Figs. 1 and 2). Glue the gnomon to the dial as shown in the picture above.

How it works

Take the sundial outside and align it in the north-south direction. The gnomon will cast a shadow on the diagram of the dial. The angle of the shadow shows the local solar time, according to the roman numbers. The length of the shadow gives a rough indication of the date as indicated by the horizontal curves.

It may be used to illustrate how the height of the Sun changes at different epochs of the year for a given hour.

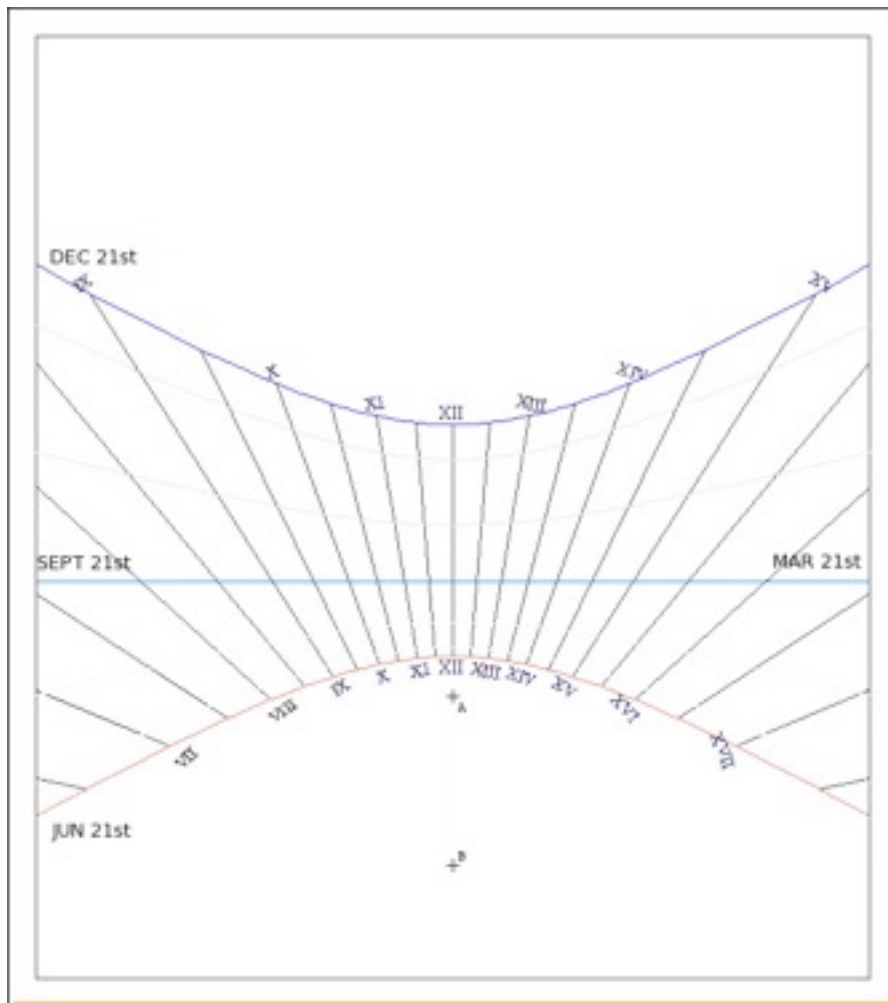


Fig. 1



Fig. 2