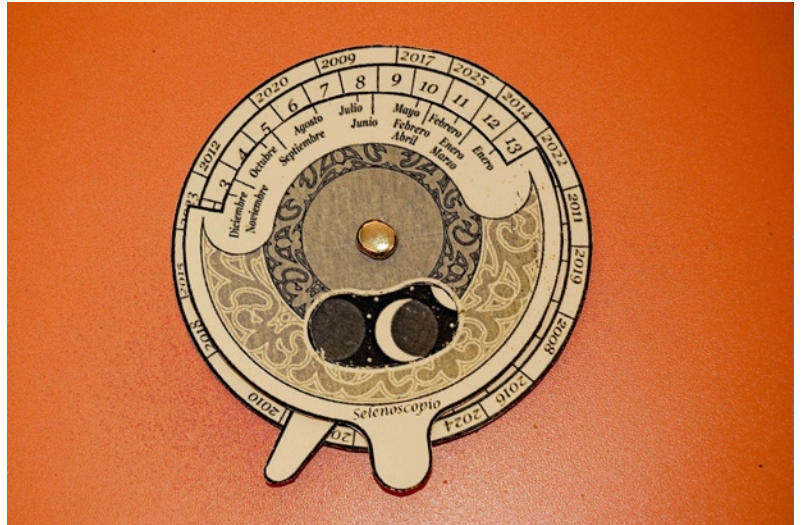


SELENOSCOPE

This selenoscope has been designed by the European Association for Astronomy Education, based on the works by A. Carlos Pérez Martín, published in his book "El selenoscopio. Un aparato para predecir las fases lunares" (ISBN: 9798378275373).



What you need

- Cardboard
- Scissors
- Split pin

What to do

Print the three parts of the selenoscope from Fig. 1 in a cardboard. Cut out the bean-like window on the month part. The year part is the lower layer of the instrument. Put the moon part on top of that, and finally, the month part. Make a hole through the center of the three pieces and hold them together with a split pin.

How it works

Put the straight edge of the middle piece at the beginning of the desired year's box (line on the left of the year). Then move the calendar's flap to align the month with the day. Then, the moon phase corresponding to the selected date shows up on the bean-like window.

Note: January and February are repeated, because the moon varies in these months in leap years (years of 366 days: all the years labeled with a b in brackets)

Thus, January and February located under short markers are to be used for leap years, and those under long markers are for non-leap years.

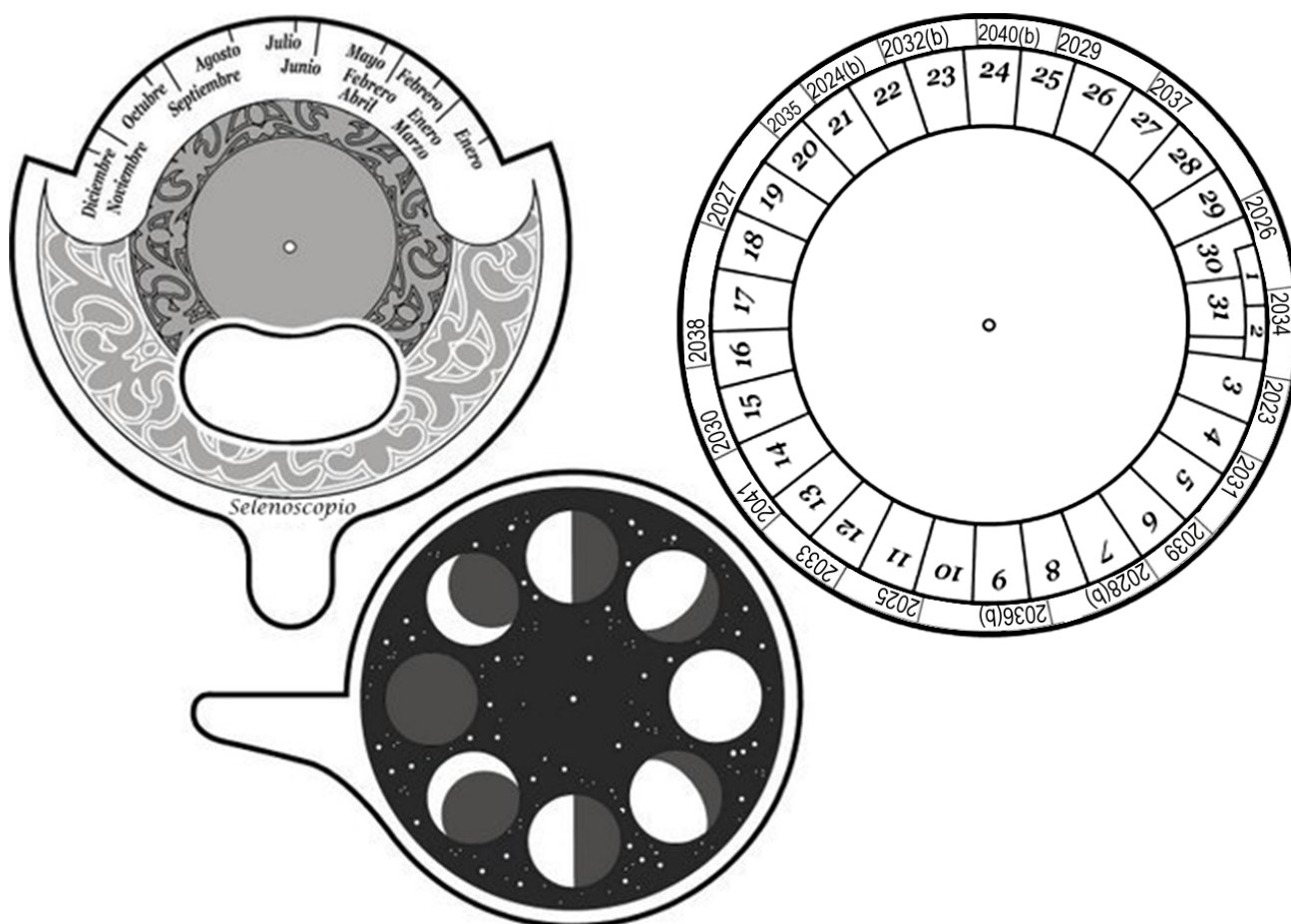


Fig. 1