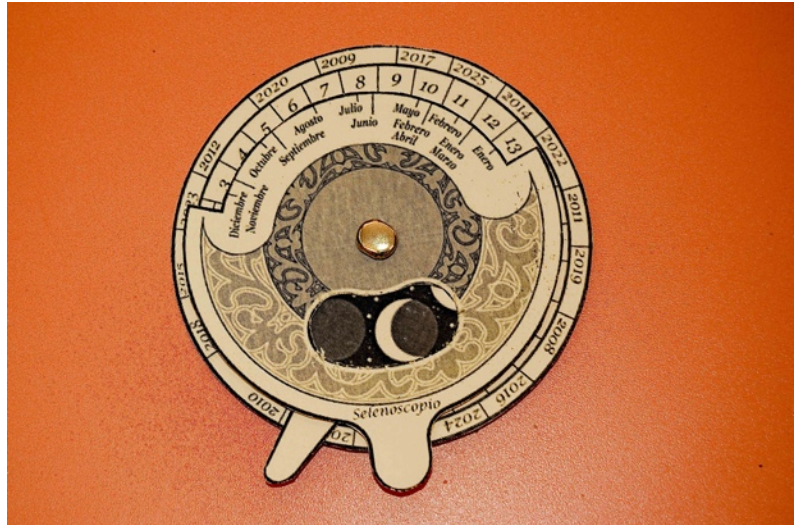


# SELENOSCOPE

This selenoscope has been designed by the European Association for Astronomy Education.



## 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. The selenoscope in the picture is set for 2010. 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, for example 2012, and all divisible by 4, except multiples of 100 who are not of 400)  
Thus, January and February located under short markers are to be used for leap years)

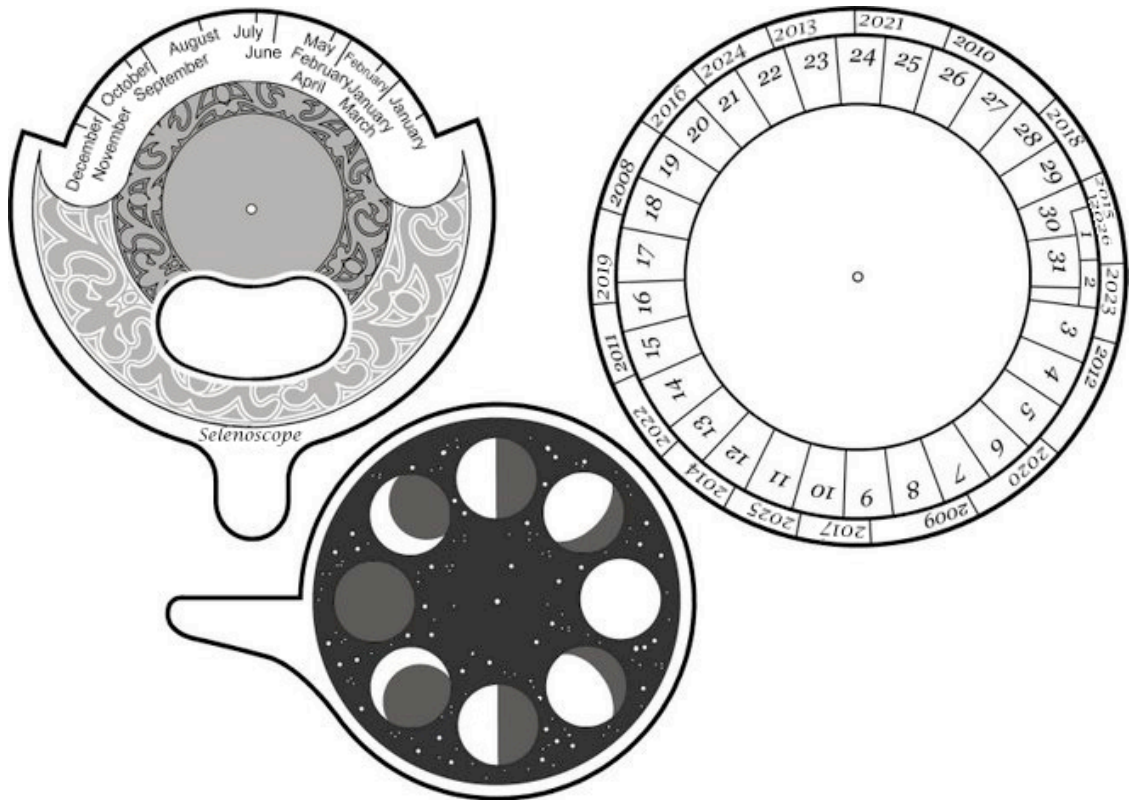


Fig. 1