

CELESTIAL PLANISPHERE

Materials:

- Burin
- Bookbinder
- Scissors
- 1 page of thin cardboard
- 1 Transparency

How to do it:

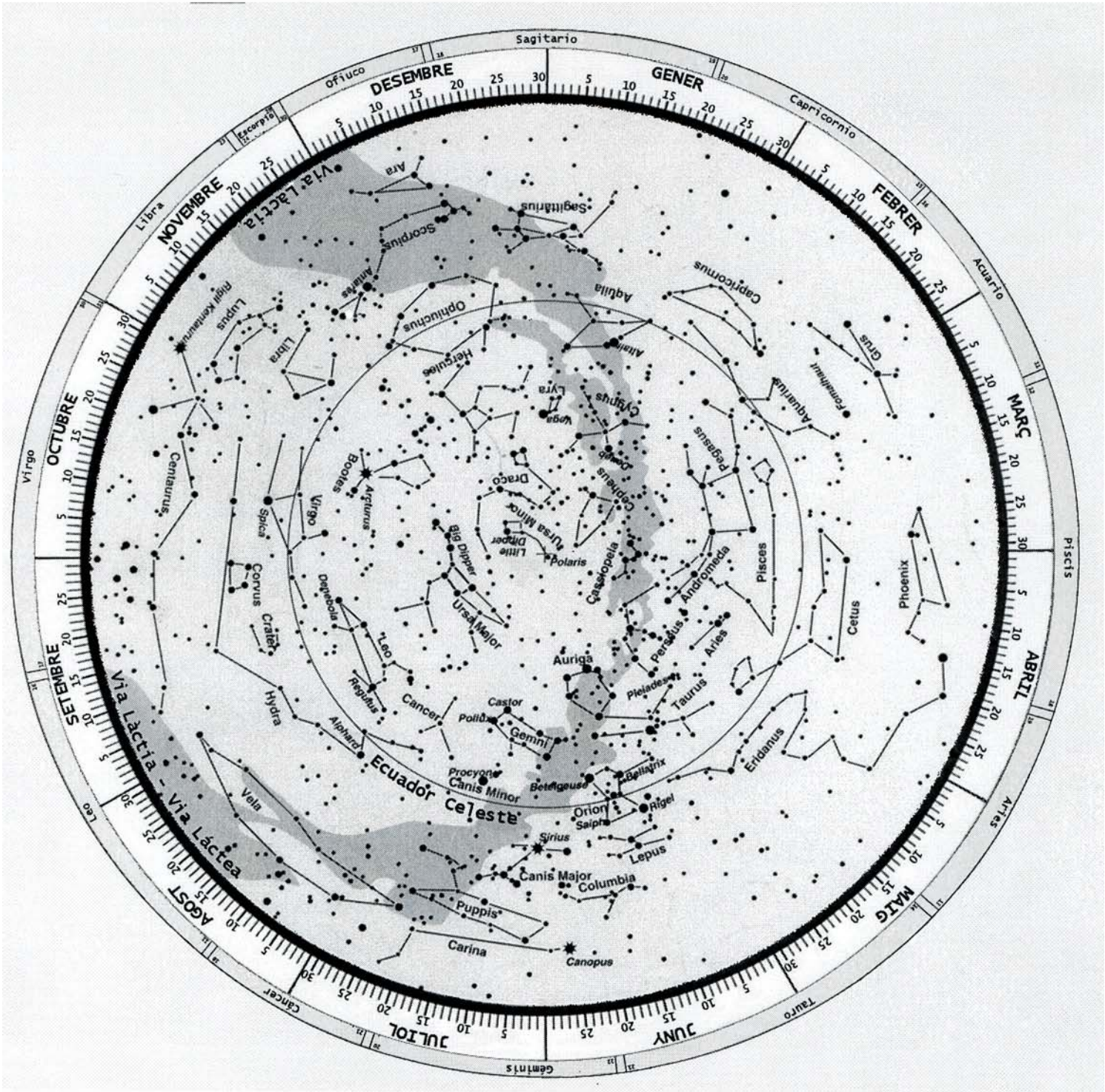
1. Cut the two circumferences: **circumference 1** in the thin cardboard and **circumference 2** in the transparency.

Note: the cardboard one is a bit larger than the transparency's.

Look for the polar star and make a hole on top of the cross with the burin to the two pieces, taking care of doing all this on top of a cork board to avoid damaging the table.

2. Put the bookbinder through the hole and open its legs.
3. Chose the day and time to observe (the transparency shows solar times) and make the coincide by rotating the transparency as needed.
4. Looking to the North, East has to be at the right. The window free from dust show the visible sky at that moment. Looking South, East is at the left.
5. This planesphere also shows the position of the Sun in every constellation of the thirteen that make up the Zodiac. By looking which one corresponds with your birthday date, you can find out which is your zodiacal sign.

circumference 1



circumference 2

