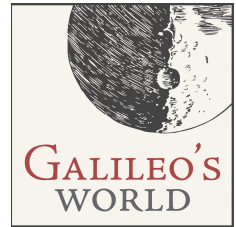


Introduction to the Nocturnal Dial

EXHIBIT: *Galileo's World*
GALLERY: Music of the Spheres
OBJECT: Nocturnal Dial replica (Hemisferium).

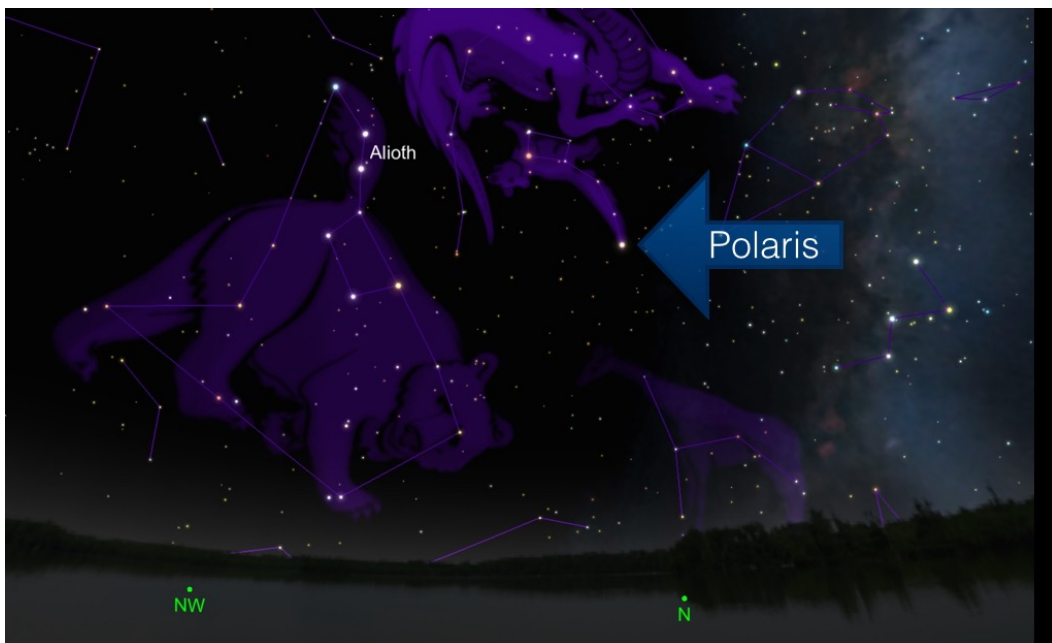


Nocturnal dials are star clocks to tell time at night by the stars.

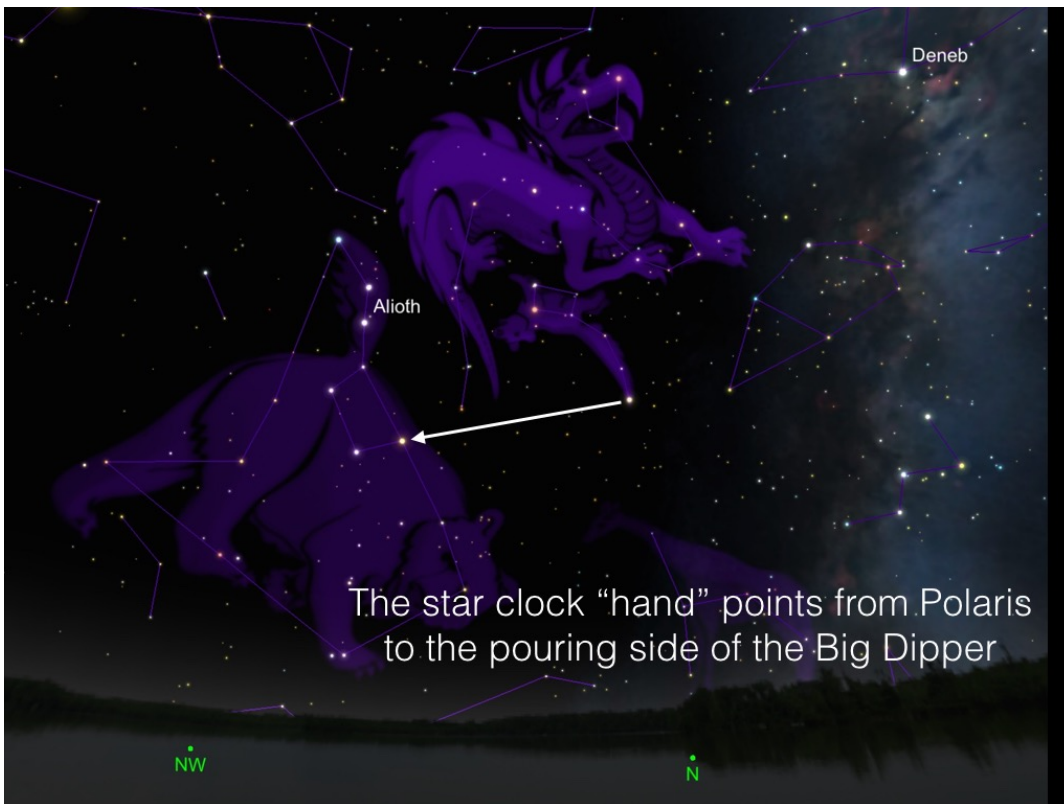
1. Set the date with the **Media Nox** dial.

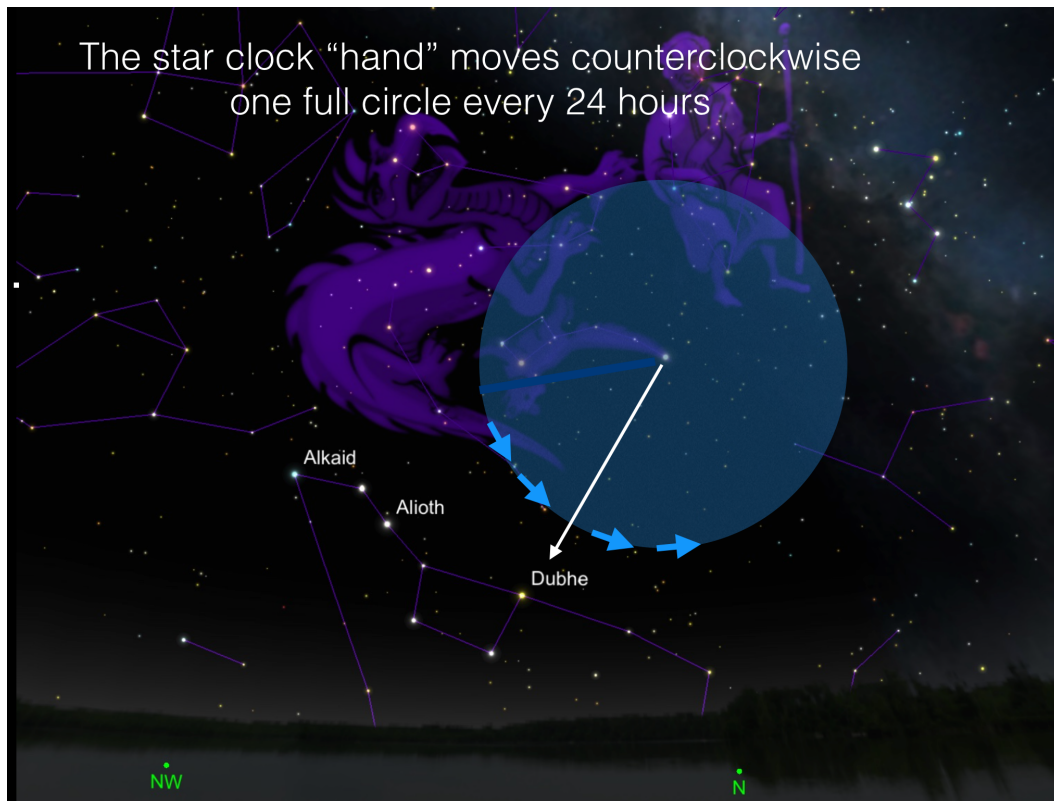


2. Sight through the central hole toward **Polaris**, the North Star.



2. Turn the leading edge of the large **Horologium Nocturnum** dial to align with the pointer stars of the Big Dipper.





3. Read the time off the **24 hour dial** where it intersects with the Horologium Nocturnum dial.

From April to October add 1 hour to obtain Daylight Savings Time (DST) for Oklahoma and other areas that adopt DST. Remember that DST is one hour later than the Standard time the nocturnal dial indicates.

Make your own star clock, try it tonight, and maybe you'll hear a little of the music of the spheres!

Provided by the **OU Academy of the Lynx:**
 Collaborating in exhibit-based learning, oulynx.org
 (Ask about the *Galileo's World* iPad Exhibit Guide)



Indoor tip:

During the daytime, practice by letting Polaris be the center of a disk sculpture visible outside the window on the library grounds).



Let the pointer stars be the top of one of the Walker Towers in the distance.

