



BEYOND THE SUN

Where does the Sun go after the sunset?



What else is there in the sky and beyond?



Asteroids



Comets



Meteors



Moons



Planets



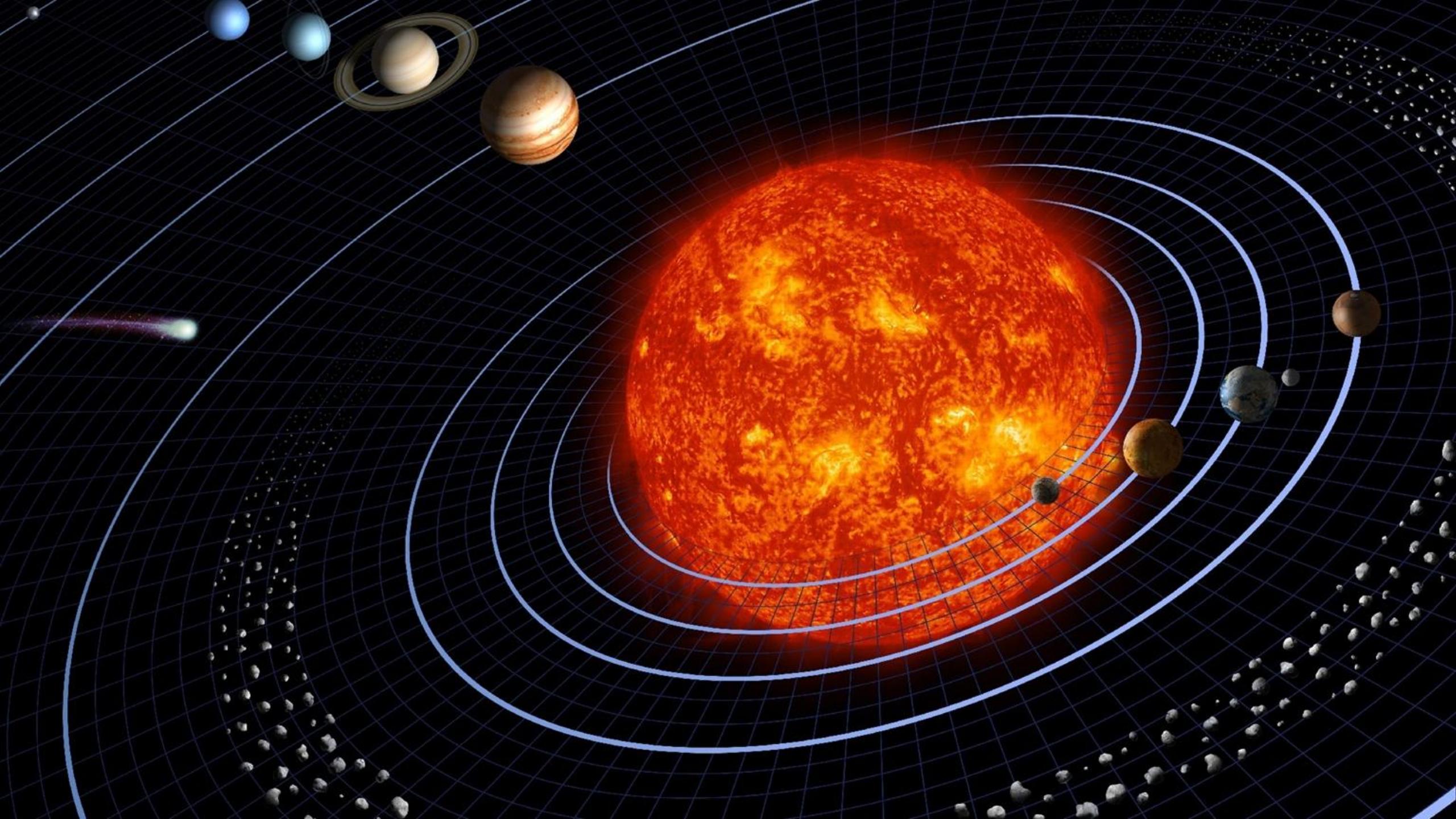
Stars



Black Holes

How did Copernicus and Galileo realize that the Earth moved around the Sun, rather than the Sun around the Earth?

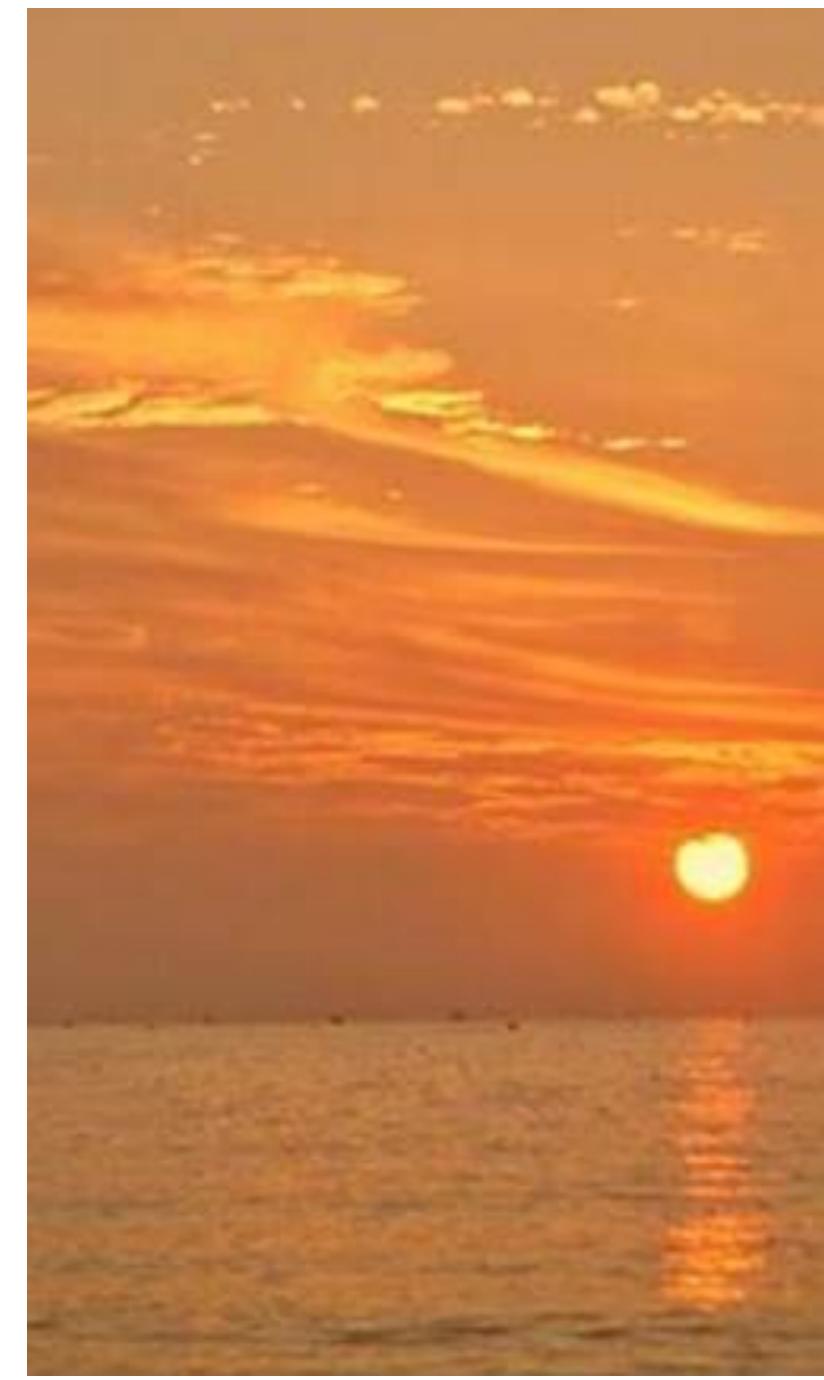






If the sun is the center of the Solar System,
why do we see it moving over the day?

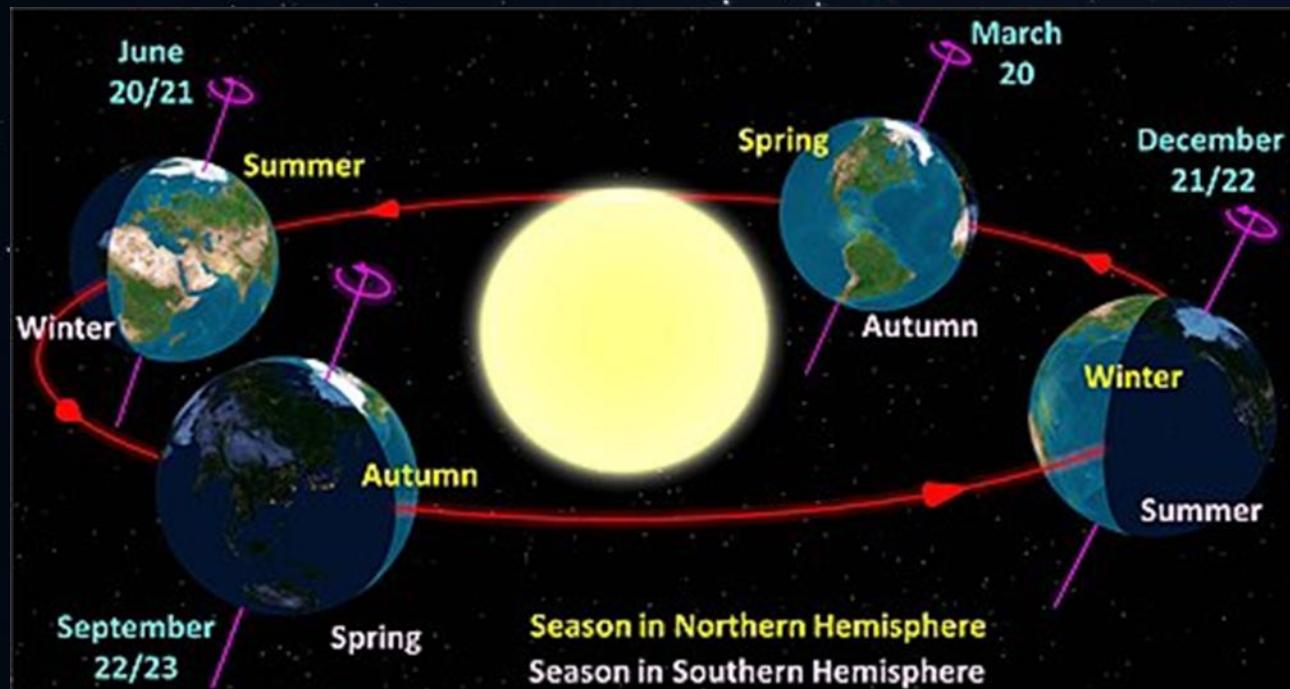




Not only series have seasons, Earth too, what settles them?



Something about the seasons

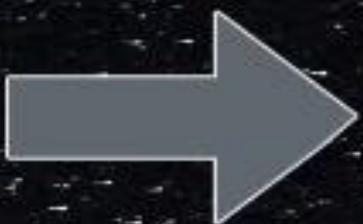




Theia



Earth



Impact



Disk of debris

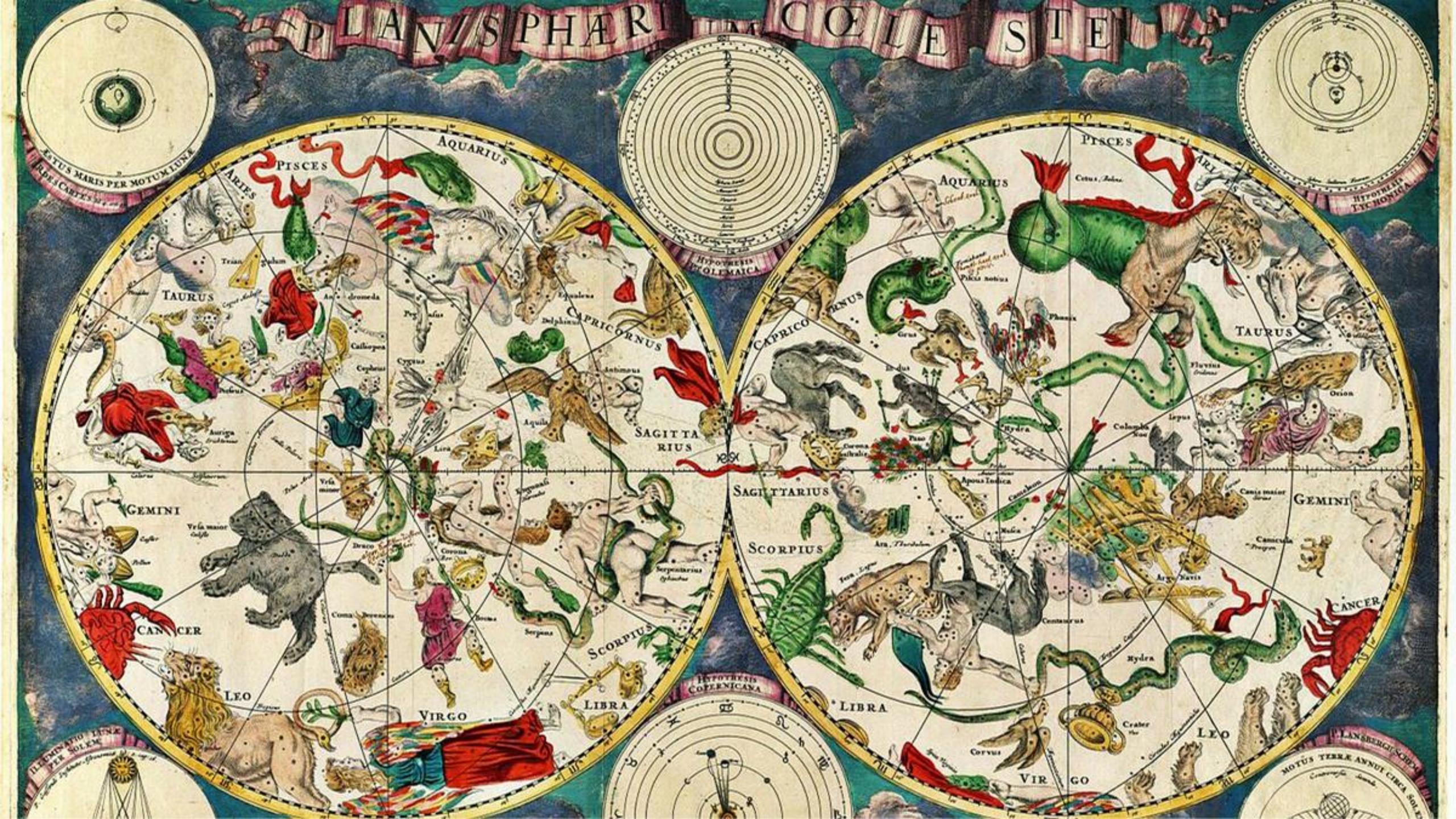


Debris combines



How is the sky mapped?

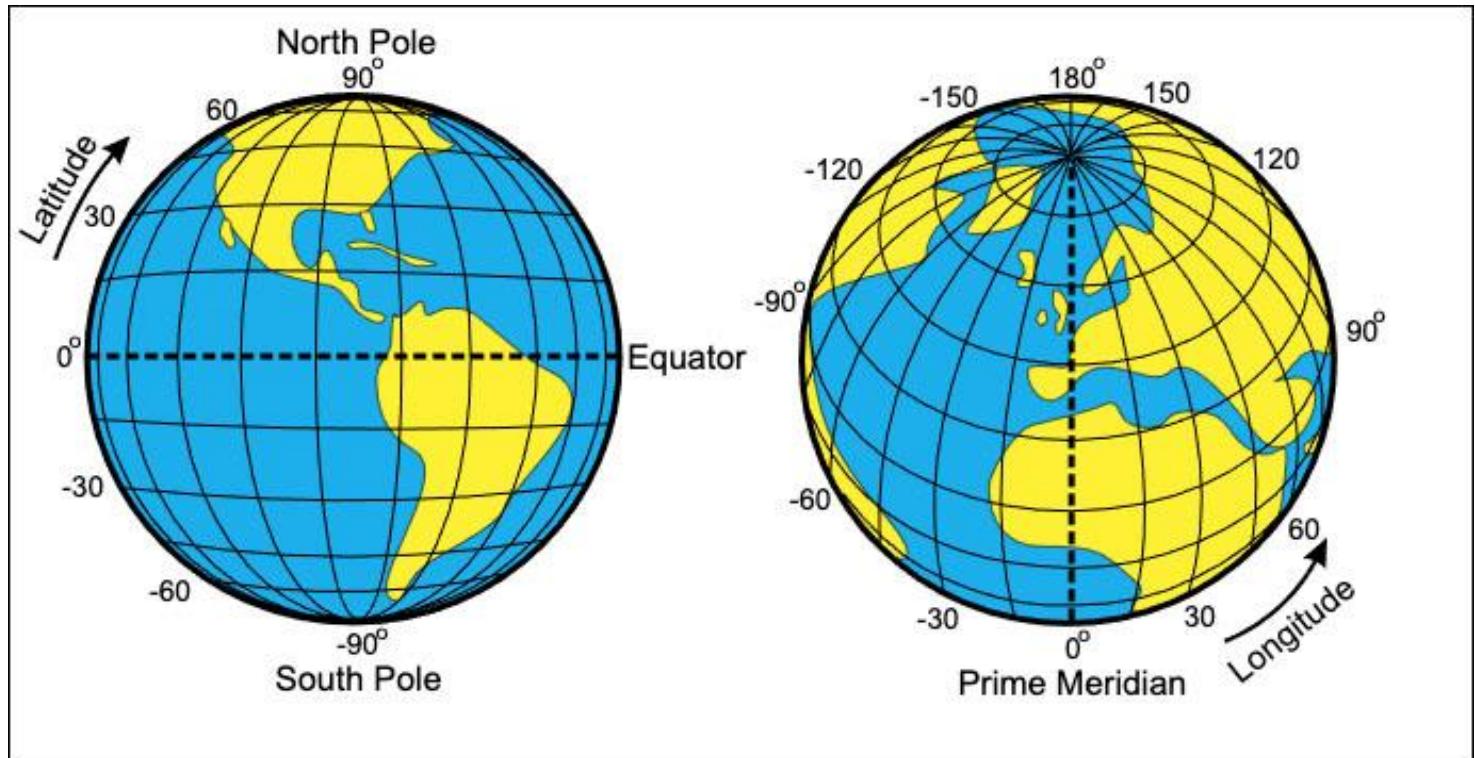
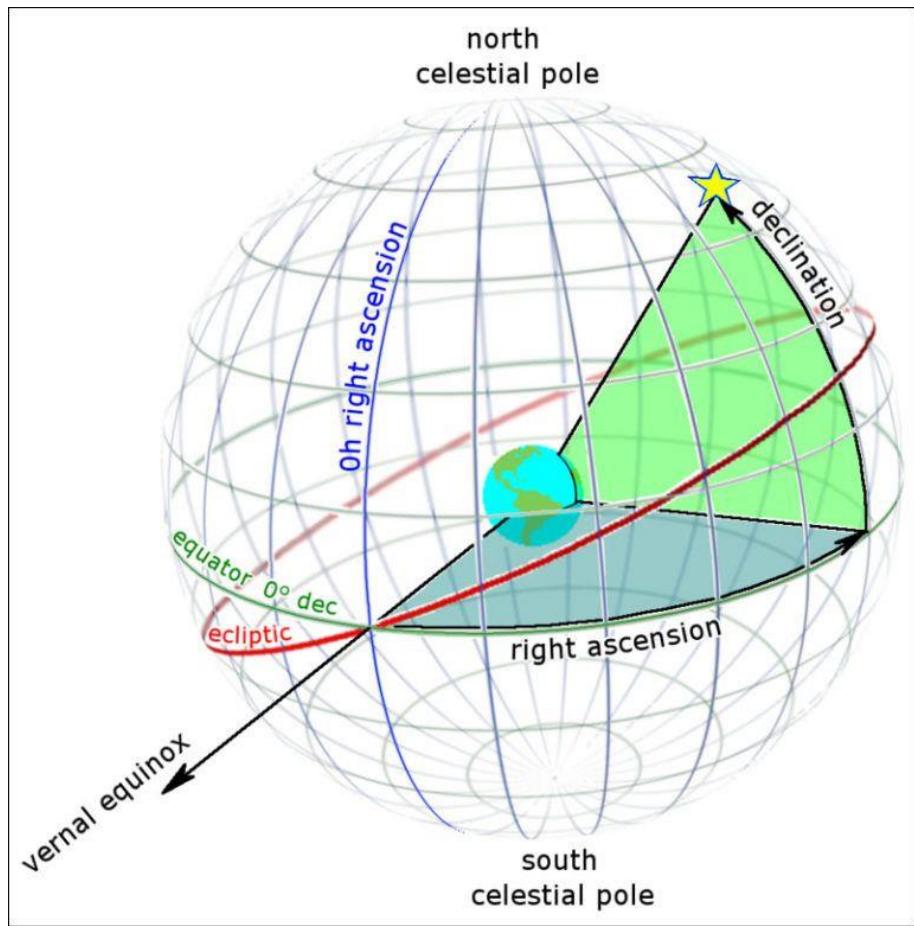
PLANISPHERIUM COELI STELLARIS





A high-angle satellite photograph of Earth's surface. The left side of the image shows the dark blue oceans and the glowing yellow and orange lights of city populations at night. The right side shows the white and light blue patterns of clouds and landmasses during the day.

**How does the sky
map differ with
latitude and
longitude and over
one year and over
the years?**



RESOURCES

- <https://astronomy.com/magazine/2019/07/how-copernicus-moved-the-sun>
- https://pl.wikipedia.org/wiki/Miko%C5%82aj_Kopernik
- <https://www.space.com/56-our-solar-system-facts-formation-and-discovery.html>
- <https://skyandtelescope.org/astronomy-resources/right-ascension-declination-celestial-coordinates/>
- <https://www.space.com/>
- <https://pl.wikipedia.org/wiki/Wszech%C5%9Bwiat>
- <https://spaceplace.nasa.gov/seasons/en/#:~:text=Earth%27s%20tilted%20axis%20causes%20the%20seasons.%20Throughout%20the,the%20Sun%2C%20it%27s%20winter%20in%20the%20Northern%20Hemisphere.>