



Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

# *Astronomy and Planetarium Technology*

Astronomy is one of the oldest branches of science. What did ancient civilizations use the night sky for?

- .....
- .....

The geocentric model that placed the Earth at the center of the universe remained widespread for around 1.800 years – until the Renaissance.

What were the names of the astronomers who challenged the geocentric model?

- .....
- .....
- .....

Today, a different model is in place called .....  
Name the planets starting with the planet closest to the sun!



.....  
.....

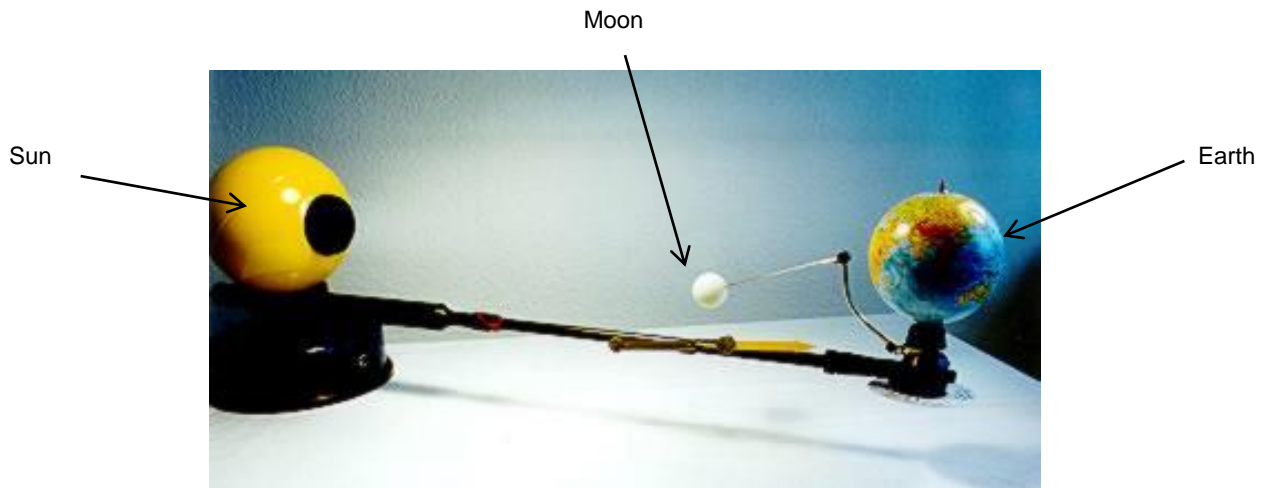
A tellurion depicts changes in the night sky. Which one(s) exactly?

Solar eclipse

Lunar eclipse

Phases of the moon

Seasons



A tellurion is not the only tool for showing the movements of astronomical objects. List two more!

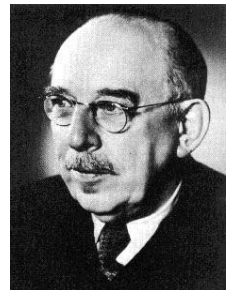
■ .....

■ .....

The modern projection planetarium combines mechanical sky model components, projection equipment and walk-in celestial spheres.

It was invented by .....

Currently, the world's oldest working planetarium is located in Jena. It opened in .....



What are the benefits of a modern planetarium (as opposed to sitting outdoors and looking up at the night sky)? List four advantages!

■ .....

■ .....

■ .....

■ .....