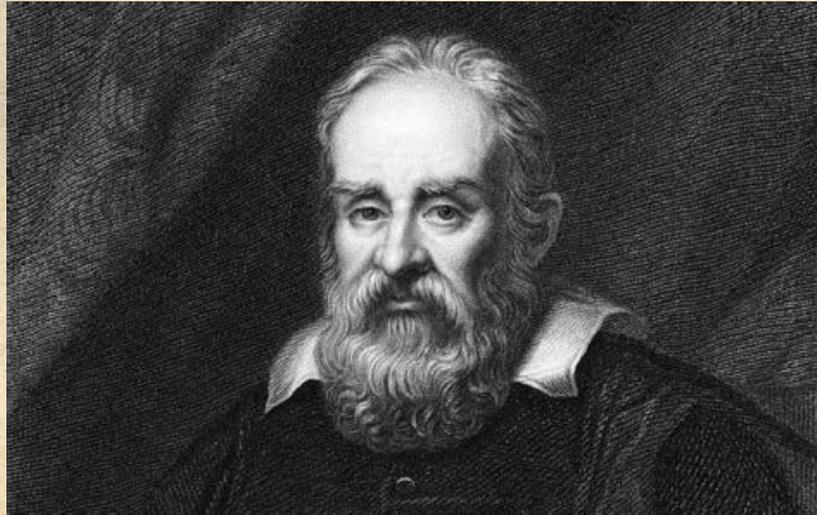


Galileo Galilei



Full biography by Robert

About Galileo...

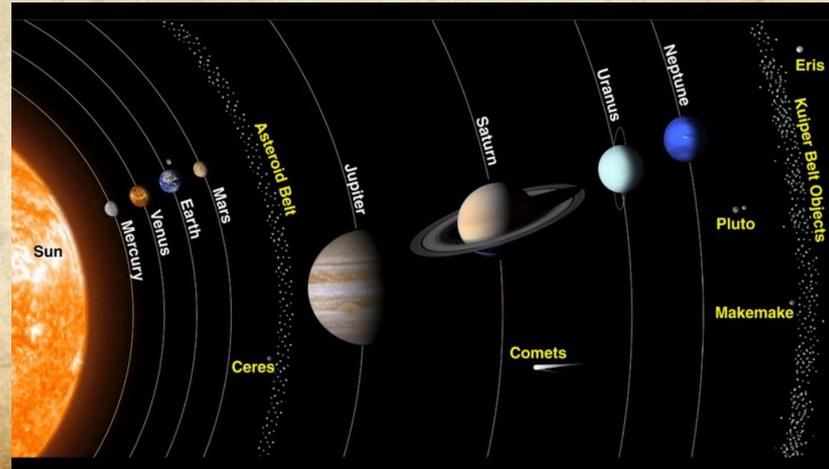
Galileo was born in Pisa, Italy, on February 15, 1564.

- *Galileo discovered the recent invention of the telescope. He then returned to Padua, and bought one for himself. He was then able to increase the power of that telescope to the 32nd power in 1609.*
- *Galileo concluded many different things about our solar system in 1609 to 1610. He made such discoveries with his new modified telescope. Such as how the sun has sunspots, how Jupiter's rings are made up of countless natural satellites, and how our Moon's surface is actually rugged, and not smooth.*
- *Galileo was placed on trial and was later forced to travel to Rome at his old age on February, 1633. He was convicted of holding and teaching the Copernican belief. He was therefore placed under house arrest for eight years until his death.*

Galileo died at the age of 77, on January 8, 1642.

Galileo's Grand Discoveries...

Galileo discovered the Earth's orbit after he learned how to craft his very own telescopes, which he then used these telescopes to observe the solar phases of Venus. Upon realization that Venus and the Moon go through similar phases, Galileo came to the conclusion that our sun **MUST** be at the central point of our solar system, which means that the Earth isn't the center point, as was previously assumed.



The Importance of His Discoveries...

The orbital patterns which take place in our solar system is very important to know. Knowing and understanding these patterns allow scientists to precisely predict where our rockets need to be in order to successfully land on other planets. Every planet in our solar system follows what is called an "elliptical path", which is essentially just a fancy term for an orbit.

*Earth's orbital pattern is not perfect in relativity to the sun. By drawing the Earth's orbit around the sun on a sheet of paper, you'll notice that the width of the line is **NOT** larger than the elliptical path of the Earth. Galileo monitored the open solar system and took note of how the planets move alongside one another. Eventually, it was made clear to him that all of the planets have the potential to be in different relative places to each other, but the sun never seemed to have a movement pattern consistent to the other planets, and even our Moon!*

The Timeline...

Galileo's Life.

1564

Galileo is Born...

Galileo is born in Pisa, Italy.

1609

Telescope Modification...

Galileo modifies his new telescope, increasing its power immensely to allow him to see into space.

1633

New Observations...

Galileo, using his modified telescope, concludes several interesting things about space. His findings, however, landed him in house arrest after triggering the church.

1642

Alone to Die...

Galileo dies alone in his home several years after being convicted by the Catholic Church of committing heresy.

Sources

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