



Life Of Galileo Galilei

In Timeline

Feb. 15, 1564

Born

Sep.5 1581

Enrolls in the University of Pisa

1583

Observed the isochronism of a chandelier and invented the pendulum

1586

Published a book about his hydrostatic balance

1588

Get a job as a teacher

1589

Become a mathematics chair

1591

Galileo's father died

1593

Invents a water pump driven by horses

1613

Start To Support Heliocentric, which suggested that the sun is in the central of the universe

1606

Invents the thermoscope, the primitive thermometer

Jun 1609

Invented the telescope and magnified the power of the lens by 30

Nov.1 1609

Discovers the Moon has craters on it. He measured the heights of the mountains based on their shadows

21 Nov 1609

Discovered the Milky Way was made up of stars too far away to be seen by the naked eye

Jan.7 1610

Discovered Ganymede, the largest Moon of Jupiter which supported the Copernican model

Jan.13 1610

Discovered the four satellites orbiting Jupiter

May.1 1611

Observed sunspots moving, which led him to the conclusion that the sun rotates on its own axis

1613

Start To Support Heliocentric, which suggested that the sun is in the central of the universe

Jan.1 1616

Wrote his theory on tides

1632

Galileo's Dialogue Concerning the Two Chief World Systems is published

1638

Galileo's Two Sciences is published in Holland and is now called the kinematics and strength of materials

January 8, 1642

Galileo Galilei Died

Galileo & the Renaissance

The period that Galileo Galilei lives in the Renaissance



Start: 14th Century

Galileo Galilei: 1564 ~ 1642

End: 17th Century

How did Galileo Galilei Influence the world?

The Ways of Experimentations

In the past, the one who controls the religion provide the 'true answers', and the public have to believe the, in fact, mostly based on faith. And galileo designed a set of rules for experiments that is still being used today. He did not take the results under several different variable values, and he will not believe the statements that out of experiments. These rules is so influential that the scientist in morden age still keep using it, because that is how our morden science works basically.

Change How Mathematics Works

Galileo changed the way that how math works, which is to understand how the world actually works. And he allowed other scientists, like Newton, to build upon his work.

By Peter.L.

References:

<https://www.history.com>

<https://www.italian-renaissance-art.com/Renaissance-Timeline.html>

<https://sciencestruck.com/timeline-of-galileos-inventions-discoveries>

http://www.softschools.com/timelines/galileo_galilei_timeline/372/

<http://galileo.rice.edu/chron/galileo.html>

<https://www.merriam-webster.com/dictionary/seconda%20prattica>

<http://www.sackbut.com/>

https://en.wikipedia.org/wiki/International_Standard_Book_Number

<https://sciencing.com/galileos-effects-science-today-8214085.html>

