Galileo Video rev.mov
"[I]t is seen that the Moon is most evidently not at all of an even, smooth, and regular surface, as a great many people believe of it and of the other heavenly bodies, but on the contrary it is rough and unequal. In short it is shown to be . . . full of prominences and cavities similar, but much larger to the mountains and valleys spread over the Earth's surface" (Starry Messenger 11).

- Galileo says moon is a heavenly body - it is not perfect
- God did not create a "perfect" body
- moon is like the Earth
- Earth is not "special"
“Nature not only gave people eyes to see her works, but brains to make them capable of understanding them.”

-Galileo

-Response to church
-When they said he was wrong
- God wants us to see & think
"Human beings are not capable of finding an ultimate test of God's design. It would be extravagant boldness for anyone to go about to limit and confine Divine Power and wisdom to some one particular conjecture (guess) of his own."

- Pope Urban VIII

\[\text{says man can't understand God's works}\]
The Inquisition of Galileo

Formal Charges were drawn up against Galileo:

- He had not treated the ideas of Copernicus as theory but as facts.
- He had treated the idea of the earth rotating around the sun as if it were possible.
- He had held that there is an equality between the human mind and the divine mind in understanding scientific and mathematical ideas.
- He wished to convert those who agreed with the church that the earth was the center of the universe to his own beliefs.
"With sincere heart and unpretended faith I abjure, cure, and detest the aforesaid errors and heresies [of Copernicus] and also every other error . . . contrary to the Holy Church, and I swear that in the future I will never again say or assert . . . anything that might cause a similar suspicion toward me."

- Galileo Galilei, *The Discoverers*
THE FIRST PRINTING PRESS BROUGHT TO AMERICA.
Vatican Science Panel Told By Pope: Galileo Was Right

ROME, Oct. 31 — Moving formally to rectify a wrong, Pope John Paul II acknowledged in a speech today that the Roman Catholic Church had erred in condemning Galileo 359 years ago for asserting that the Earth revolves around the Sun.

The address by the Pope before the Pontifical Academy of Sciences closed a 33-year investigation into the Church’s condemnation of Galileo in 1633, one of history’s most notorious conflicts between faith and science. Galileo was forced to recant his scientific findings to avoid being burned at the stake and spent the remaining eight years of his life under house arrest.

John Paul said the theologians who condemned Galileo did not recognize the formal distinction between the Bible and its scientific conclusions.