

What is “academic writing”?

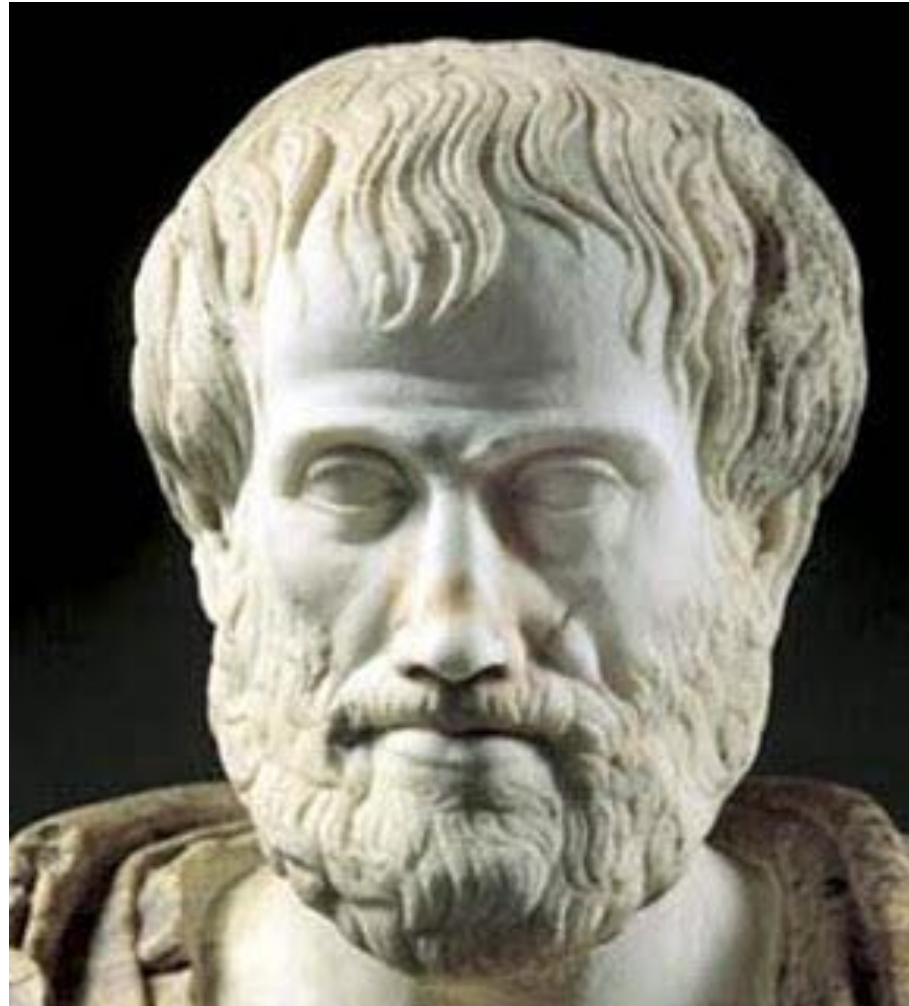
A brief history

What is “academic writing”?

- To understand what something is, it is often helpful to examine its history
- Therefore, to understand what academic writing is, it is helpful to look at its history.

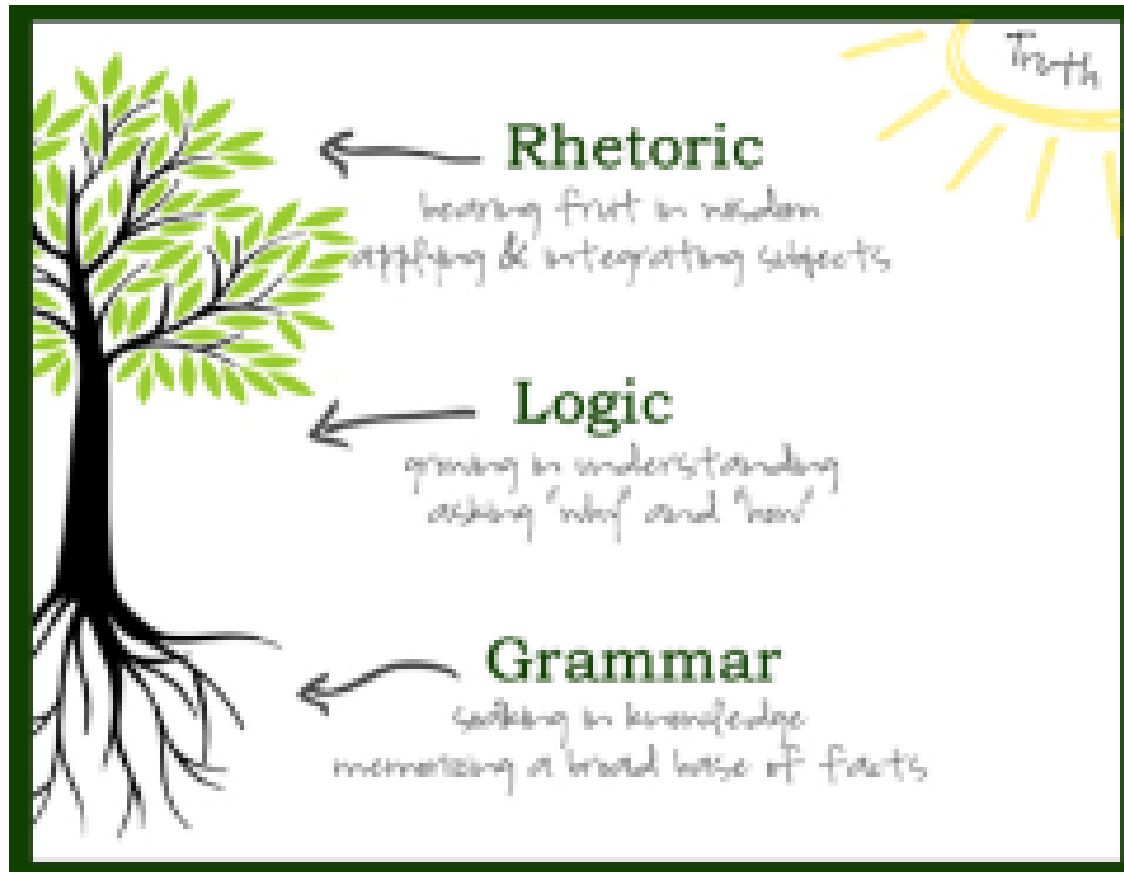
What is “academic writing”?

- There are 2 parts to this history
 1. Goes back all the way to the Ancient Greeks and to Aristotle
 1. Especially to something called the “trivium”
 2. The other goes back to “Scientific Revolution” in the Middle Ages



<http://dpprior.blogspot.jp/2013/01/star-wars-alien-elric-aristotle->

2. The Trivium

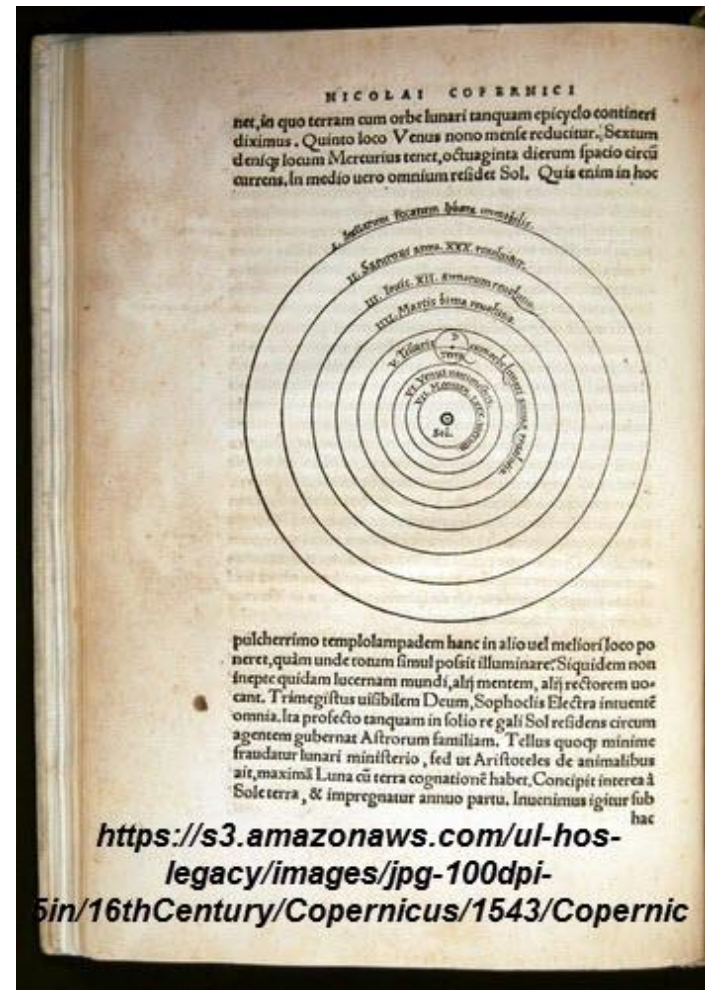
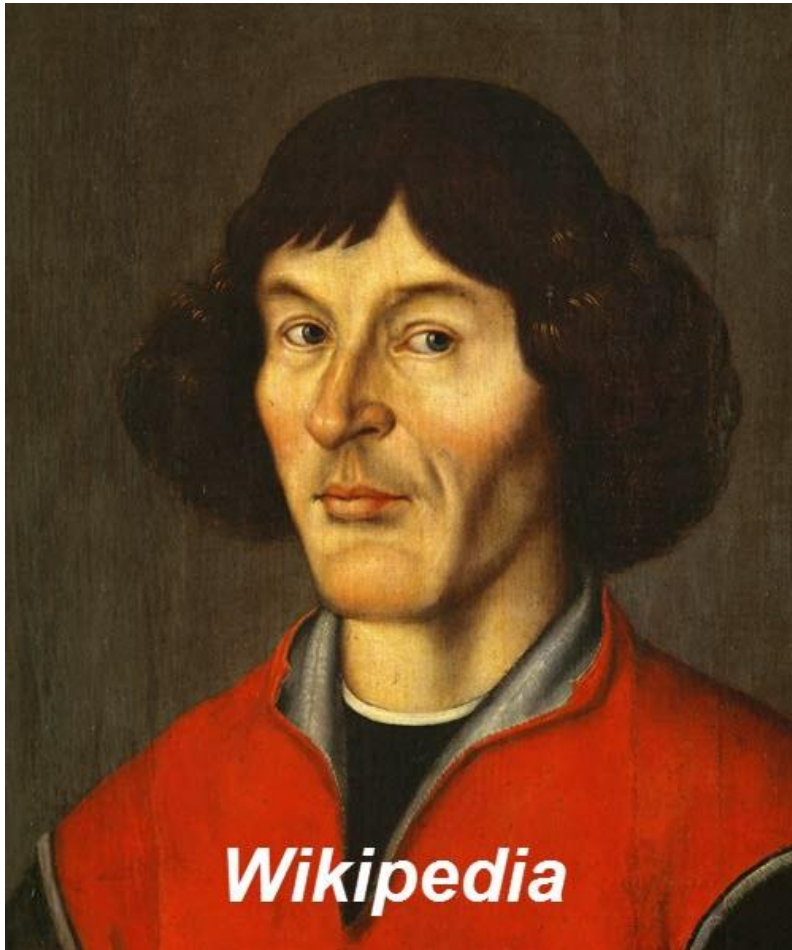


<https://armadelaacademy.com/cooperating-with-the-students-growing-mind/>

The Scientific Revolution (1)

- Began c. 1540
- Causes:
 - Renaissance
 - Universities
 - Questioning of Religion

The Scientific Revolution (2)

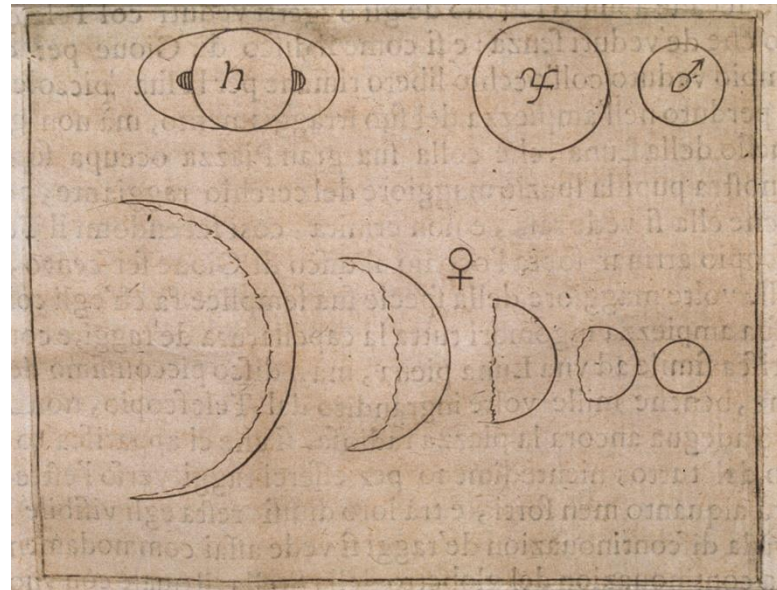


The Scientific Revolution (3)

"Philosophy is written in this grand book, the universe ... It is written in the language of mathematics, and its characters are triangles, circles, and other geometric figures;...." (*The Assayer* (Italian: *Il Saggiatore*), 1623.)



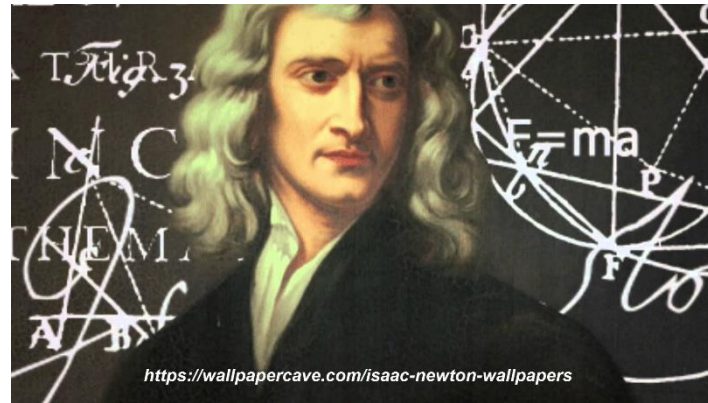
https://www.reddit.com/r/Sciencemages/comments/2ncuf0/galileos_drawings_of_the_moon_1610/



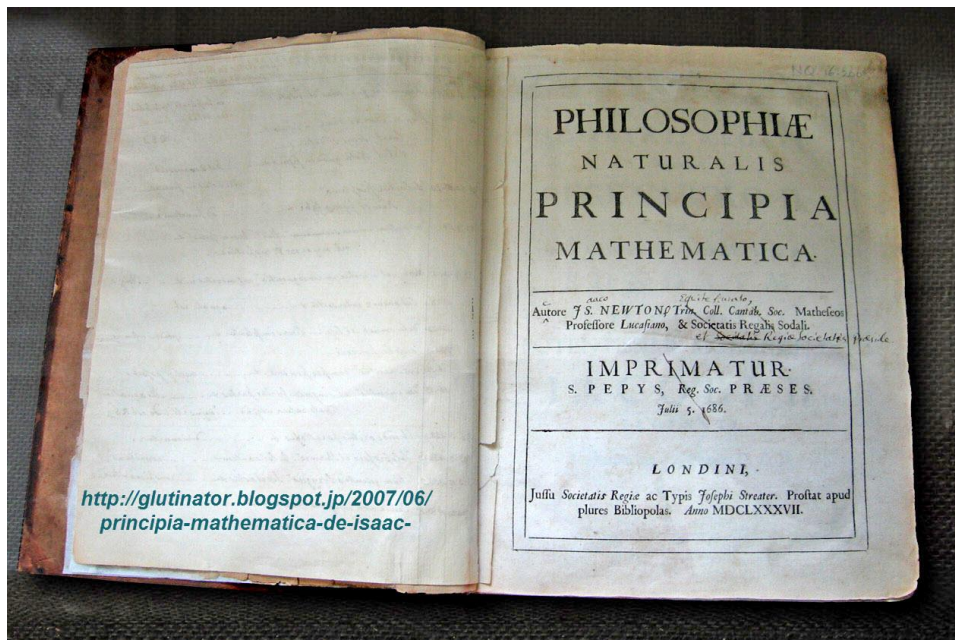
https://www.astronomy2009.org/resources/multimedia/images/detail/galileo_12/

The Scientific Revolution (4)

“If I have seen further than others, it is by standing on the shoulders of giants.”

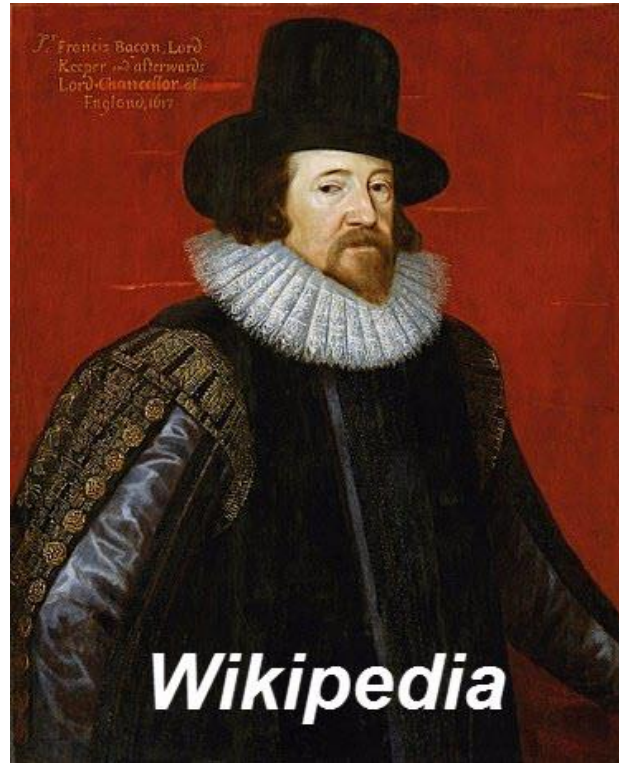


“To every action, there is an equal and opposite reaction”



“Truth is ever to be found in simplicity, and not in the multiplicity and confusion of things.”

The Scientific Revolution (5)



The father of empiricism

So, what is academic writing?

- It requires the understanding and use of the T_____:
 - G_____
 - L_____
 - R_____
- It usually
 - Begins with a re_____ qu_____
 - Often involves questioning generally accepted kn_____
 - Involves the coll_____ of d_____ based on obs_____
 - Creates hyp_____ based on an_____ of that data
(em_____, in_____, rea_____)
 - Uses a rather specialized language to communicate the data and the hypotheses with other ed_____ people
inter_____