The Birth Of The Scientific Method And Present

(400 years ago-now)

Did you know that the birth of the scientific method originates in the works of Aristotle, Who proposed a formal way of studying the universe based on empirical evidence as opposed to pure reason and debate? This period is the final part of our cosmic timeline. We are currently living through the discoveries of the scientific method.Compared to the rest of our cosmic timeline–which melines, a lot of the other timelines happened billions of years ago, the birth of the scientific method is relatively young, happening only 400 years ago. (Vale)

The scientific method normally means a series of steps that scientists follow to discover how nature works. In 1514 Nicolaus Copernicus came up with the idea of “Heliocentrism” (meaning sun centered). He thought the sun was the center of the universe, with Earth being one of many spheres orbiting the Sun.1637 First Scientific method. 1650 Society of experts. 1650 Experimental evidence established as the arbiter of truth. 1665 Repeatability established. Scientists start with general observations and then make a hypothesis. A hypothesis is somewhere between a

statement and a guess. It is a proposed explanation for something that was observed. One example of a hypothesis might be, "All flowers are yellow. (Ariel)

Our work was inspired by sir francis bacon because he helped with defining a formal scientific method.Because he discovered and popularized the scientific method, whereby the laws of science are discovered by gathering and analyzing data from experiments and observations, rather than by using logic-based arguments. Each of the images in our mural represents steps of the scientific method. We drew people talking and thinking because it would be like they were gathering information. The test tube and pencil that you see symbolize the process of experimentation and recording results. The calculator represents collecting data and the computer represents someone researching. Also we drew a clock because it would represent the time of the present. (Ethan O.)

In conclusion we learned a lot about the scientific method. We learned about Sir Francis Bacon, and the old technology that people used when the scientific method was born.

Today, we have new advanced technology and older technology. We have windmills, calculators, computers, test tubes. And if you think about it, without any of those things we would never know where we came from or about the Big Bang and how the universe started in the first place. We wouldn't even be here during this project looking back on the scale of our very own Cosmic Timeline. (Cy)