

Chapter 1: What is science?

- We want to find out what is that makes something a science.
- One may answer : Science is just the attempt to understand, explain and predict the world that we live in.
- Counter argument : Subjects like religion, astrology and History also try to do the same. But we don't consider them science.
- The distinguishing features of science lie in the particular methods scientists use to investigate the world.
- One of the main tasks of philosophy of science is to understand how techniques such as experimentation, observation and theory construction have enabled scientists to unravel so many of nature's secrets.

- European Scientific Revolution : 1500 - 1750
- Scientific investigations pursued in ancient or medieval times \longrightarrow dominated largely by Aristotle's theories in physics, biology, astronomy and cosmology. (study of the nature of the universe, the cosmos).

- Aristotle's ideas and methods of inquiry feel very strange to a modern scientist. ??

February 2024								March 2024							
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