

Week 04
Day 023/343

January

23

2024

PRIORITIES

Tuesday

Philosophy of Science: A Very Short Introduction

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.
- ① • 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.

The origins of modern science

- European Scientific Revolution: 1500–1750
- Scientific investigations pursued in ancient or medieval times → 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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FEBRUARY

MARCH

APRIL