



How to Learn Natural Science ?

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Agenda



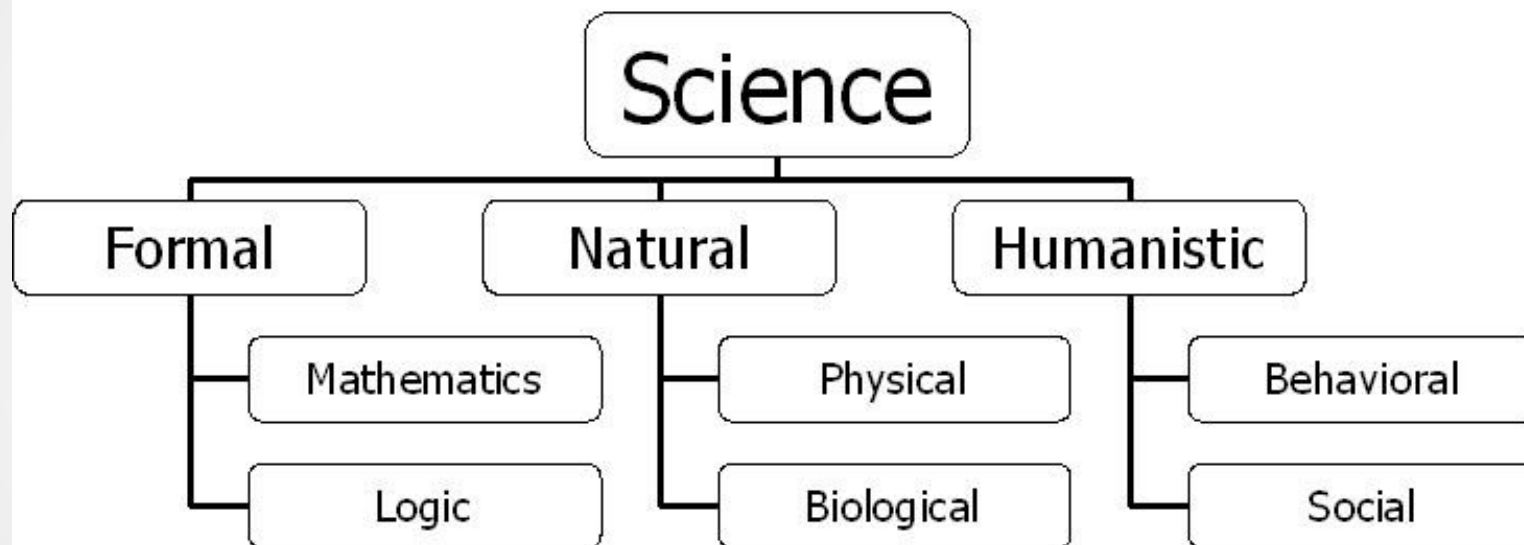
- What is Natural Science?
- How to learn natural science?
- Who can learn natural science?

What is Natural Science?



- Natural science is a branch of science concerned with the description, prediction, and understanding of natural phenomena, based on **observational** and **empirical** evidence.
- Validity, accuracy, and social mechanisms ensuring quality control, such as peer review and repeatability of findings, are amongst the criteria and methods used for this purpose.

What is Natural Science?



Mathematics and Natural Science



- Mathematical models are used in the **natural sciences** (such as physics, biology, earth science, meteorology) and **engineering** disciplines (such as computer science, artificial intelligence), as well as in the **social sciences** (such as economics, **psychology**, sociology, political science).
- A model may help to explain a system and to study the effects of different components, and to make predictions about behavior

How to learn natural science?



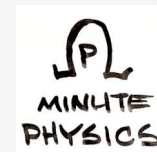
- Get motivated, start, and take the right way!
- Do not worry about language barrier
 - Read in Arabic or machine translate until you get familiar with the topic
- Find the suitable resources
 - Books
 - Online Resources

How to learn natural science?



- YouTube
 - Sixty Symbols
 - MinutePhysics
- Websites
 - The Scale of The Universe
 - NASA (Arabic?)
- Online Courses
 - Khan Academy
 - Coursera (1) (2)
- Virtual Labs (1)(2)

SIXTY SYMBOLS
Videos about the symbols of physics and astronomy



Who can learn natural science?

