

Foundations of Science

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Reasoning, Philosophy of Science, Ethics and History

Science as method stands on a foundation of several pillars, the idea of reasoning and logic, research ethics, the philosophy of science and the history of science.



The banner features the Explorable logo (a flask) and the text 'EXPLORABLE Quiz Time!' in white on an orange background. Below the logo are three quiz cards: 'Quiz: Psychology 101 Part 2' (with a roller skate image), 'Quiz: Psychology 101 Part 2' (with a pencil image), and 'Quiz: Flags in Europe' (with a Ferris wheel image). A 'See all quizzes =>' link is in the bottom right.

Overview

Reasoning and Logic

[1] [Reasoning and Logic](#) [1]
Deduction, Induction, Hypothetico-Deductive Method, Falsifiability

Philosophy of Science

[2] [Philosophy of Science](#) [2]
The assumptions, foundations and implications of science

Ethics in Research

[3] [Research Ethics](#) [3]
Ethical considerations you as a scientist must do

History of Science

History of Science [4]

Image not found [4] type unknown

The origin of research. Ancient and modern history of science.

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Links

- [1] <https://m.explorable.com/reasoning-and-logic>
- [2] <https://m.explorable.com/philosophy-of-science>
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