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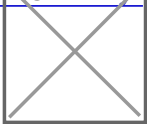
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## [Scientific Research Methodology](#) [3]

A beginners guide on key concepts of the Scientific Method, Science, Research and Experiments.

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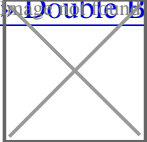


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## [Experimental Research is used to understand causality.](#) [8]

Experiments use manipulation and controlled testing to understand causal processes.

[» Double Blind Experiment](#) [9] [» Cause and Effect](#) [10]



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## [Research Process and Scientific Reasoning](#) [11]

The steps and aims of the research process and reasoning in the Scientific Method.

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## [Different Research Designs](#) [14]

Descriptions of different types of scientific research designs

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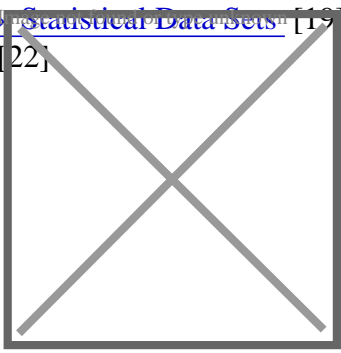


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Descriptions of different usages of statistics in Science and Research.

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## [Writing a Research Paper](#) [23]

An introduction on how to write a research papers, term papers and other academic articles. Styles, citations and tips.

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## [Philosophy of Science](#) [29]

Philosophy of Science investigates the different branches of science and its underlying structure.

[History of the Philosophy of Science](#) [30] » [Paradigm Shifts](#) [31]



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## [Ethics in Research](#) [32]

Having high standards of ethics in research is crucial for support from funders and the public.

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## [Psychology](#) [35]

Psychology is trying to give insights on human mind and behavior.

[Social Psychology Experiments](#) [36] » [Bobo Doll Experiment](#) [37] » [Asch Experiment](#) [38]



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## [Biology](#) [39]

Biology looks at living organisms and their relationship to nature.

» [Industrial Melanism](#) [40] » [Law of Segregation](#) [41]



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## [Physics](#) [42]

Experimentation in the field of physics has changed the modern world, yielding inventions beyond imagination.

» [Ben Franklin Kite Experiment](#) [43] » [J. J. Thomson's Cathode Ray Experiment](#) [44]

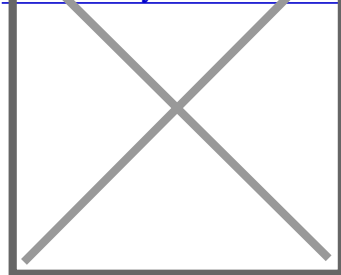


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## [Medical Research History](#) [45]

Medical Research have increased the average lifespan by tenfolds of years.

» [Discovery of Pasteurization](#) [46] » [Who Discovered DNA?](#) [47]



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## [Science Experiments for Kids](#) [48]

Resources for teachers and Parents, Ideas for Experiments.

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