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Eureka!: 50 Scientists Who Shaped Human History





Synopsis

Galileo, Einstein, Curie, Darwin, Hawking - we know the names, but how much do we really know about these people? Galileo gained notoriety over his battle with the Vatican, but did you know that this father of modern science was also an accomplished lute player? And Darwin of course discovered the principle by which new species are formed, but his bold curiosity extended to the dinner table as well. (And how many people can say they've eaten an owl!) From lutes and owls to astronomy and evolution, Eureka! explains how these scientific geniuses have shaped our understanding - and how they spent their free time as well.

Book Information

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Customer Reviews

This is a collection of mini biographies of some of the great scientists who have contributed to our current understanding of ourselves, our world and the universe we live in. In his introduction, John Grant points out that any selection is going to be subjective to a degree, but all the major names are here â "Galileo, Newton, Einstein, etc. - as well as several who are less well known, certainly to me. The book is aimed at teens and young adults, but frankly it works equally well for older adults like me, who have only a superficial knowledge of the history of science. Each section follows roughly the same pattern. Grant quickly places the person in the overall timeline of scientific discovery, gives a short personal biography showing how they got involved in their particular area of science, and then explains their major achievements and, in some cases, their failures. The chapters vary in length, from a couple of pages for those people who made one specific contribution to science â "like Edward Jenner, the man who discovered that cowpox could be used to create a vaccine for

smallpox, leading eventually to its worldwide eradication (why didn't I know about him?!) â " to perhaps ten or so pages for those, like Newton or Einstein, who fundamentally changed the perception of the fields in which they worked. The book is structured chronologically, which allows Grant to show very clearly how each generation of scientists built on the work of those before them â " in Newton's words: â œlf I have seen further, it is by standing on the shoulders of giants.â •Grant's writing style is clear and very approachable, never talking down to his audience, and with a good deal of humour laced through the book to prevent the science becoming too dry.

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