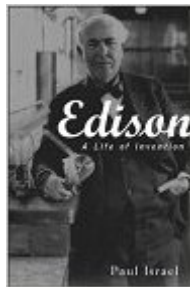




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The Thomas Edison Book Of Easy And Incredible Experiments (Wiley Science Editions)



Synopsis

An idea-packed catalog of projects, activities, and science fun sure to inspire future "Edisons" . The Thomas Edison Book of Easy and Incredible Experiments The Thomas Alva Edison Foundation Thomas Edison patented 1,093 inventions -- and more chemistry experiments than any other scientist ever! This book reflects the fascination that he found in experimentation and presents the best, most popular experiments and projects sponsored by the prestigious Edison Foundation. Here, in one convenient volume, you will find a range of activities from the very simple (for primary or middle grades or individual young scientists at home) to the intriguingly complex (for older students, groups, or an entire class). These experiments require no science background. They utilize inexpensive, easy-to-obtain materials. Most of all, the projects are fun to build, safe and useful, and each provides a good demonstration of important scientific principles in real-life action! Most youngsters and teens can work on the experiments with little supervision, and there are ample ideas for science fairs and "extra credit" projects. Over 100 illustrations are included, plus photos of the legendary inventor himself. Experiments in this book encompass magnetism, electricity, electrochemistry, chemistry, physics, energy, and environmental studies -- topics for varied interests in grades 4 through 11. Throughout, emphasis is on the essence of scientific "tinkering," experimenting for the pure fun of it . activities that lead to satisfying hobbies, new ideas, and learning. Edison himself would surely enjoy this book -- so imagine that you are visiting his laboratory, and let this be your introduction to a world of discovery. .

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Customer Reviews

This fun-to-read book provides a wealth of ideas for science fairs and science projects. Shows science students the joy of discovery, through the performance of easy-to-do and enlightening experiments. Written for students in grades 4 to 11, and equally valuable to teachers and parents. Experiments can be done by students working alone, freeing teachers to work with the class more effectively. --This text refers to the Paperback edition.

An idea-packed catalog of projects, activities, and science fun sure to inspire future "Edisons" … The Thomas Edison Book of Easy and Incredible Experiments The Thomas Alva Edison Foundation Thomas Edison patented 1,093 inventions — and more chemistry experiments than any other scientist ever! This book reflects the fascination that he found in experimentation and presents the best, most popular experiments and projects sponsored by the prestigious Edison Foundation. Here, in one convenient volume, you will find a range of activities from the very simple (for primary or middle grades or individual young scientists at home) to the intriguingly complex (for older students, groups, or an entire class). These experiments require no science background. They utilize inexpensive, easy-to-obtain materials. Most of all, the projects are fun to build, safe and useful, and each provides a good demonstration of important scientific principles in real-life action! Most youngsters and teens can work on the experiments with little supervision, and there are ample ideas for science fairs and "extra credit" projects. Over 100 illustrations are included, plus photos of the legendary inventor himself. Experiments in this book encompass magnetism, electricity, electrochemistry, chemistry, physics, energy, and environmental studies — topics for varied interests in grades 4 through 11. Throughout, emphasis is on the essence of scientific "tinkering," experimenting for the pure fun of it … activities that lead to satisfying hobbies, new ideas, and learning. Edison himself would surely enjoy this book — so imagine that you are visiting his laboratory, and let this be your introduction to a world of discovery. … --This text refers to the Paperback edition.

Doing a weekly class on inventors and wanted to include some hands on activities. I do not have a strong science background, and many of the experiments in this book require more knowledge and experience than I have off the top of my head. I had also hoped for a more direct connection

between the experiments in the book and the experiments Edison did (not necessarily exactly the same experiments of course, but a good explanation of how the concepts were similar). Overall, a good, basic coverage of circuits. Don't know that a novice like myself would title it "easy" experiments, however.

I purchased the Thomas Edison Book of Easy and Incredible Experiments out of curiosity and the low price. I was pleasantly surprised to see how well the book was written, how good the diagrams were and how many interesting experiments there were. I'm very happy with this purchase.

This is a book that parents and kids alike will enjoy. The experiments are engaging, fun, and simple. I have borrowed this book from the library many times. That is the reason I bought this book to begin with. Rather than have to search for it at the library, I just have to search my house for it.

We checked this out in the library where it is a reference book. It is that useful and educational!! My son HAD to have it to make the drawer lock for his desk to keep his younger brother out. Don't tell him he might actually learn something too. Lots of basic experiments/ how-to's, and info about Edison. Great book.

I think that this book had some good experiments with electricity, some more complicated than others.

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