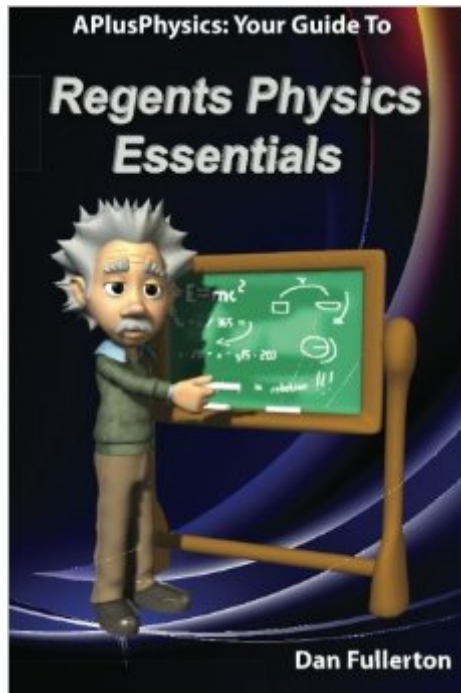


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# APlusPhysics: Your Guide To Regents Physics Essentials



## Synopsis

APPlusPhysics: Your Guide to Regents Physics Essentials is a fun, friendly and concise roadmap to the entire New York State Regents Physics curriculum, preparing students for success in high school physics classes as well as reviewing for highest marks on the Regents Physics Exam. Topics covered include pre-requisite math and trigonometry; kinematics; forces; Newton's Laws of Motion, circular motion and gravity; impulse and momentum; work, energy, and power; electrostatics; electric circuits; magnetism; waves; optics; and modern physics. Featuring more than five hundred questions from past Regents exams with worked out solutions and detailed illustrations, this book is integrated with the completely free APPlusPhysics website, which includes online question and answer forums, videos, animations, and supplemental problems to help you master Regents Physics essentials. Advance Praise for APPlusPhysics Regents Physics Essentials: "Very well written... simple, clear engaging and accessible. You hit a grand slam with this review book." -- Anthony, NY Regents Physics Teacher. "Does a great job giving students what they need to know. The value provided is amazing." -- Tom, NY Regents Physics Teacher. "This was tremendous preparation for my physics test. I love the detailed problem solutions." -- Jenny, NY Regents Physics Student. "Regents Physics Essentials has all the information you could ever need and is much easier to understand than many other textbooks... it is an excellent review tool and is truly written for students." -- Cat, NY Regents Physics Student

## Book Information

Paperback: 300 pages

Publisher: Silly Beagle Productions (April 28, 2011)

Language: English

ISBN-10: 0983563306

ISBN-13: 978-0983563303

Product Dimensions: 6 x 0.7 x 9 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (16 customer reviews)

Best Sellers Rank: #659,881 in Books (See Top 100 in Books) #58 in [Books > Education & Teaching > Test Preparation > College & High School > Regents](#) #1906 in [Books > Textbooks > Science & Mathematics > Physics](#) #7506 in [Books > Science & Math > Physics](#)

## Customer Reviews

Being a high school physics teacher and having used or read through many different textbooks, I

really appreciate Fullerton's book. I feel that it can be very accessible to my students because of the way it is clearly written. Many school boards want textbooks that not only provide content but also provide pedagogy. And while I can agree with this sentiment, it has been my experience that physics textbooks are typically geared towards university students and contain difficult text. Make no mistake about it, we may think that our top physics students can read a textbook like ourselves (adults), but our extra years of experience allows us to be a lot more efficient with scientific literacy. With APlusPhysics, each chapter begins with clear objectives. This helps the students understand exactly what they are supposed to learn from the chapter (a key to successful learning). Fullerton then provides text at an appropriate reading level (somewhere between junior science and honors university science), clearly followed by appropriate sample problems. I think this book makes for a very good learning tool and study guide, and can benefit many different students.

I am a college student struggling with my first year physics course. The required text for my school is very difficult to follow and written to a higher level of understanding than you would expect to find in a survey course. There is only one student in my class that can easily follow our textbook. While studying for a test, I went online to look for videos to help me. I came across Dan Fullerton's videos and book. His book covers the exact same material that I am studying, yet it is easier to follow and understand. There are plenty of exercises to help reinforce the material. I highly recommend this book to anyone who is having a hard time with entry level college physics. Quite frankly, I wish my school would adopt his book as our official text. More students would be successful using his material. If you are struggling with a physics course, I strongly encourage you to buy this book. It is not expensive (especially compared to college textbook prices) and is worth its weight in gold!

This book is a fun and exciting way to help students review and prepare for the essentials of physics. The illustrations and information is captivating and motivating. I found myself learning more about physics than I had known before and to be able to see that I was on target was outstanding. I have a large family and it is something I would encourage my children to use as a resource and educational guide.

As a teacher, I know how hard it can be to teach the specifics associated with an overarching concept. With that said, I found this book to do an excellent job in making difficult concepts accessible to students. Not only does it pack a tremendous amount of information between its front and back pages, but the information is presented in a fun and tangible way. Each chapter builds

upon the ideas presented in the previous chapters to help reinforce and organize a reader's/student's thoughts before moving on to more difficult concepts. In short, I highly recommend this book. With model and sample problems (and answers), video links, and other extra help options, this "review book" goes beyond basic review and helps to instruct on all levels.

The combination of Dan's Regents Physics Essentials and APlusPhysics.com videos have worked as a great resource for students who were struggling to translate their understanding of physics concepts into success on Regent's style test questions. This book has worked as a guide to help my students understand what they really need to know to be successful on the Regents exam and on tests. I have given this book to a few students and watched their test scores improve. Great Resource!!

There's no reason to think the study of physics is "over your head". We love to just browse through this book and tell each other "fun facts" as a family. It's also a very useful guide for students...of all ages.

This book offers a unique approach to studying and preparing for the New York State Regents Physics Exam. Online supplements, including animations, Podcasts, quizzes, and discussion forums are useful review tools that offer students immediate information and feedback. Questions are integrated into the text of the book that offer step-by-step instruction that allow students to practice concepts immediately following reading about them. Content is clear and concise and specific to the curriculum. Overall an excellent resource for any Regents physics class.

A complete and concise review book for the NYS Regents Physics exam! This book outlines exactly what students need to know to do well on the exam, and includes many sample regents questions for students to practice with. I would recommend this book to any student who needs extra practice or would like a complete overview of all the topics likely to show up on the regents exam. Mr. Fullerton has done a great job explaining the basics of physics in a way that students can easily understand and he uses many helpful scenarios to illustrate his points. This book was well worth the money I spent on it!

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