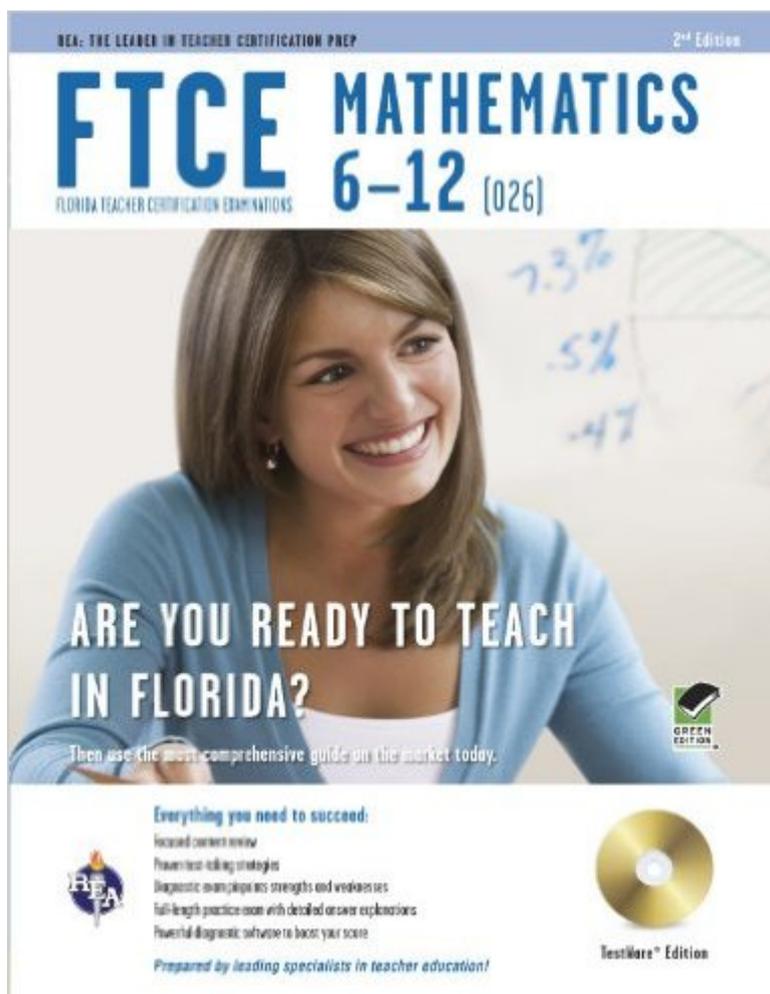


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# FTCE Mathematics 6-12 W/CD-ROM (FTCE Teacher Certification Test Prep)



## Synopsis

REA's FTCE Mathematics Grades 6-12 Test Prep with TestWare CD Gets You Certified and in the Classroom! Updated Second Edition! Nationwide, more than 5 million teachers will be needed over the next decade, and all must take appropriate tests to be licensed. REA gets you ready for your teaching career with our outstanding library of Teacher Certification test preps! Scoring well on the FTCE Mathematics Grades 6-12 exam doesn't just help you get certified to teach in Florida, it helps you build your career. Our popular FTCE test prep was designed to help you master the information on the Mathematics Grades 6-12 exam. This test prep is perfect for college students, prospective teachers, and career-changing professionals who are seeking certification as mathematics teachers. Written by education experts, our complete study package contains an in-depth review of all the competencies tested on the official FTCE exam, including algebra, functions, and geometry through reasoning, mathematical connections, instruction, and assessment. Two full-length, multiple-choice practice tests in the book simulate the actual FTCE exam. Each practice test is balanced to include every type of question, subject area, and skill tested on the exam. Our practice tests replicate the FTCE question format, allowing you to assess your skills and gauge your test-readiness. This TestWare edition features both of the book's practice tests on CD in a timed format with instant scoring, diagnostic feedback, and on-screen detailed explanations of answers. Our TestWare CD offers the most powerful scoring and diagnostic tools available today. Automatic scoring and instant reports help you zero in on the topics and types of questions that give you trouble now, so you'll succeed when it counts! Every practice exam comes with detailed feedback on every question. We don't just say which answers are right—we explain why the other answer choices are wrong—so you'll be prepared on test day. Our detailed explanations of answers help you identify your strengths and weaknesses while building your skills. This complete test prep package comes with a customized study schedule and REA's test-taking strategies and tips. This test prep is a must-have for teacher certification candidates in Florida! REA books and software have proven to be the extra support teacher candidates need to pass their challenging tests for licensure. Our comprehensive test preps are teacher-recommended and written by experts in the field.

## Book Information

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## Customer Reviews

THIS IS THE ONE YOU ARE LOOKING FOR!! am writing this review as someone who has just recently taken the FTCE Mathematics 6-12 exam. In preparation for this exam, I purchased this REA math guide, the XAM guide, and the Mometrix Secrets guide. I also used Khan Academy to help me understand concepts that needed more visual demonstration. Among the major guides, this is by far the best. This is the only guide that gives detailed explanations for the practice problems and works from the basic concepts to the difficult in a logical, orderly fashion. The informational architecture is superior to the other guides by a long-shot with shaded regions and bolded terms. The test gives an accurate portrayal of the FTCE exam, though it is slightly (and I mean very slightly) easier in practice on the algebraic sections. To compensate, I would recommend that you use Khan Academy as a supplement and another guide like XAM or Mometrix. Most people will be able to pass realistically if they dedicate their studies in REA with Khan Academy supplementing. Like most taking this test, I did not major in math, though I had tutored in math and SAT prep before taking this test. Because of my experiences, I needed less time to study. If you currently teach/tutor in math, you will likely need less time to study, probably 5-8 weeks. If you are fresh to this, I would highly recommend spending at least 12 weeks. The amount of material to cover is great and the FTCE test does cover a wide swath of questions, though not always so deep in process. An aside, the XAM guide is the second best and Mometrix Secrets is the last (worst) because Mometrix does not give detailed, worked problems. You would need to work through REA's guide before going into Mometrix.

This book is outdated!! I purchased it at the end of 2015. The competencies listed on the FL DOE's

website (1. Knowledge of Alg 2) Knowledge of Adv Alg 3) Knowledge of functions 4) Knowledge of Geometry 5) Knowledge of Coordinate Geometry 6) Knowledge of Trig 7) Knowledge of Stats 8) Knowledge of Calc 9) Knowledge of Mathematical Reasoning 10) Knowledge of Inst and Assessment) DO NOT align with the competencies listed in this book!! This book has 15 competencies, some of which aren't even listed on the FL DOE's website (i.e. discrete math, number sense and mathematical structure, etc)!! Until they update this book to the latest competencies, it's a waste of time and money!

Hi, I just finished the book. It took about 6 weeks from start to finish. The book organized the chapters aligned with the FDOE's practice guide. This is a good thing because the order really makes sense. It takes you from basic to more complex. The book covers pretty much everything but not everything explained at the same level. I found certain things (to be specific L'Hospital rule, integration by parts) almost never mentioned. I think they focused on weighted average of the competencies'. Calculus is only 6% of the test so the book must have considered this though I can't say I agree with this approach. I went through the book page by page, word by word not skipping even a sentence. And I found about 10+ mistakes (mostly typo) throughout the entire book. This is the 2nd edition and the book has been out since 2007 so I would expect to see less mistakes considering all these. This book will not teach you every single competency listed in FDOE practice guide if you are not have the basic understanding in math. So if you are expecting to go through this book and pass the test with average to low math knowledge, simply forget about it. The 15 Competencies listed by FDOE includes everything one has seen in the entire primary and secondary education. So there is no way a few-hundred page can do it. But what the book does (and this is basically why I bought this book) is that it gathers everything one needs to know for the FDOE Math 6-12 test and more than that, it disciplines you. One could pass the 6-12 test w/o this (or any) book (given the person has the basic understanding of math). Today, there is enough information (all free) online that you don't need to purchase anything. But books like these gather all the necessary units to be studied and put them in front of you. So they make it convenient for you. And all for under \$30 is not much. The book has one diagnostic (40-question) and one full-length (80-question) practice tests and it comes with a CD as well. So you can take the test on the book or on your computer. Very convenient!.. considering that the real test is a computer-based test. I liked the CD. I don't have much word on the diagnostic test but I disliked the full-length practice test due to the unrealistic question order. In the real FDOE Math 6-12 test, the questions are in the same order as the competencies listed in the FDOE guide. And this is the order in which the book

reviewed all those competencies. However, when it came to the practice test, they mixed up all the questions. It may seem a very simple detail but it is not. This throws you off. The book's primary goal should replicate the real testing conditions as much as possible. It does fail doing so. I very much disliked this; I hope they fix this problem in future editions. But the style and difficulty of the questions were very parallel with the questions I faced during the 6-12 test. Credit goes to the book on this... So overall, would I recommend this book? Yes, if you are looking for something that would guide you and discipline your study. No, if you are expecting to be taught Math from scratch and pass the test. I am giving it a 4-star because of the CD and the fair price, otherwise it would get 3 stars from me...

Background: I graduated one year ago with a B.A. in Math. I never had a college geometry course. This product served its purpose. I definitely did not remember geometry, some calculus I, and miscellaneous other topics when I began to study. I spent a few weeks with this book (maybe 30 hours in total); I did the examples in a notebook and checked my work with the answer/explanation provided. I thought that the book authors provided enough detail; I mean, we're supposed to be very good at 6-12 mathematics! The practice tests were fairly indicative of the "real thing." In summary-- it's a good refresher. I passed on my first try.

This is by far the best book I have found to study for the math 6-12 fce. I passed the exam and I credit this book for helping me prepare the most. It is organized very well and covers almost everything I saw on the test. The book also expects you to know most of the basic stuff already. Many of the questions in the book have descriptions on how to answer them but they will not put in certain steps because they assume you already know. So just be aware of that. There is more to this exam than just math too. There is teaching techniques, technology, assessments, etc. This book definitely helped with that stuff. I bought the Xam study guide as well which had a good practice test but I found the book to be too short overall. I was a math major in college and this test was still very hard. Good luck!

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