

AP, Honors, and Electives Titles

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A personalized learning solution for online homework, tutorials, and assessments.

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- Receive personalized study plans and homework based on their strengths and weaknesses.
- Get help from learning aids at the point of need, and receive immediate feedback.

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MYMATHLAB® FOR SCHOOL

Ready for college. Ready for life. A fully digital course solution.

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An interactive eText and much more!

MyMathLab for School is a series of online courses that align to Pearson's textbooks in mathematics and statistics. This powerful online program offers students with personalized instruction and practice and teachers with all the tools they need to deliver all or a portion of their course online.

MyMathLab for School features include:

- **Interactive eText**, including highlighting and notetaking tools, and links to videos and exercises.
- Rich and flexible course management, communication, and teacher support tools.
- Online homework and assessment, and personalized study plans.
- Complete multimedia library to enhance learning.
- All teacher resources in one convenient location.

For efficacy results, implementation models, and a demo, visit mymathlabforschool.com

Demo MyMathLab for School today!
username: **mmlmathcourses**

mymathlabforschool.com
password: **4learning**

ALGEBRA 1, GEOMETRY, & ALGEBRA 2

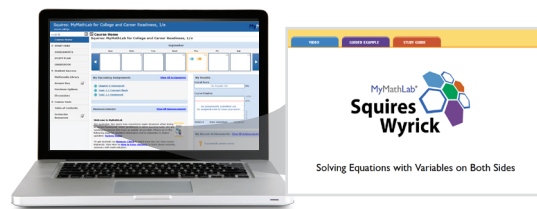


Geometry
now available!

MyMathLab for School:High School Series with personalized instruction by awarding-winning author Elayn Martin-Gay.

- More than 3,000 videos authored personally by Elayn Martin-Gay offer a consistent voice throughout all three courses.
 - A Student Organizers assist with math practice and helps students journal their work.
 - Teacher Professional Development videos give helpful teaching strategies.
- For more information, visit mymathlabforschool.com

MYMATHLAB® FOR SCHOOL: COLLEGE & CAREER READINESS



Squires, Wyrick *MyMathLab for School: College & Career Readiness*, ©2015

Based on the successful SAILS program in Tennessee, MyMathLab for School: College & Career Readiness is an online course that prepares high school seniors to be successful in a college math course.

- Covers Basic Math, Algebra 1, and Algebra 2 —all correlated to the Common Core State Standards.
- Offers instruction through a guided learning path with videos and periodic checks for conceptual understanding.
- Flexible, modular approach allows for easy implementation

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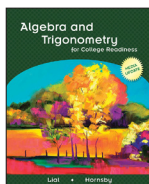
ALGEBRA & TRIGONOMETRY



For a variety of “Advanced Math” courses, including a two-term Precalculus, Math/Analysis, or Math Modeling course with slightly more review than a traditional Precalculus book.

Blitzer, ***Algebra & Trigonometry***, 5th Ed., ©2014

- Student Edition includes FREE 1-year access to *MathXL for School*.
- New! Great Question! feature and a new Concept and Vocab Check feature before each exercise set.
- Exceptionally clear and accessible presentation.
- Everyday problems with real-world applications.
- Voice balloons allow for more specific annotations in examples
- Step-by-step solutions for all examples.



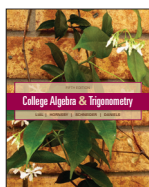
NEW! Lial, ***Algebra and Trigonometry for College Readiness***, ©2016, Media Update

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For students who have finished Algebra 2 but need an extra year of math to prepare for credit-bearing college-level courses.
- Traditional approach of skill-building and problem solving practice, with many excellent applications included.
- Ample exercises provide students with plenty of practice and opportunities.



Sullivan, ***Algebra & Trigonometry***, 10th Ed., ©2016

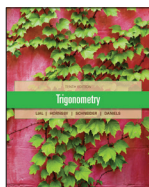
- Student Edition includes FREE 1-year access to *MathXL for School*.
- Each chapter begins with a current article and ends with a related project.
- Each section begins with a list of objectives — numbers appear in the margin where the objective is covered.
- Step-by-step annotated examples.



Lial, et al., ***College Algebra & Trigonometry***, 5th Ed., ©2013

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For slower-paced precalculus or advanced math models courses.
- Provides solid review of algebraic topics.
- 1,900 new and updated exercises in this edition.
- NEW! Explanatory side comments are increased to guide students through the steps of simplifying and solving problems in the examples.

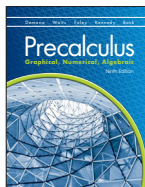
TRIGONOMETRY



Lial, et al., ***Trigonometry***, 10th Ed., ©2013

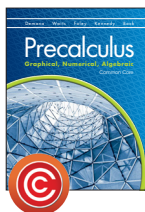
- Student Edition includes FREE 1-year access to *MathXL for School*.
- For trigonometry courses where graphing calculator use is optional.
- Special function boxes offer a comprehensive, visual introduction to the major trigonometric functions.
- NEW! Explanatory side comments are increased to guide students through the steps of simplifying and solving problems in the examples.

PRECALCULUS – GRAPHING



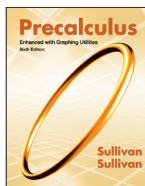
NEW! Demana, Waits, Foley, Kennedy, Bock ***Precalculus: Graphical, Numerical, Algebraic***, 9th Ed., ©2015

- Student Edition includes FREE 1-year access to *MathXL for School*.
- **Nationally recognized** author team with years of experience and expertise in the teaching of both precalculus and calculus.
- The **Twelve Basic Functions** are emphasized throughout the book as a major theme and focus.
- Ideal predecessor to *Calculus: Graphical, Numerical, Algebraic, 4th Ed., AP* Ed.*
- New! Chapter 10 expands discussions on Statistics and Probability



NEW! Demana et al., ***Precalculus: Graphical, Numerical, Algebraic***, Common Core Ed., ©2015 Includes all the benefits of the 9th Edition and fully aligns to cover all (+) standards of the Common Core State Standards.

- Provides additional resources to meet your Common Core goals:
 - Common Core Student Practice and Review Guide provides support for every section and includes the following resources: Problem Solving, Practice and Standardized Assessment Prep
 - Common Core Implementation Guide supports teachers to make the transition to a Common Core curriculum Includes:
 - > Overview of the Common Core State Standards
 - > Standards for Mathematical Practice Observational Protocol
 - > Common Core Correlations
 - > Common Core assessment resources



Sullivan, Sullivan, ***Precalculus: Enhanced with Graphing Utilities***, 6th Ed., ©2013

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For graphing-intensive precalculus courses.
- Dependable text known for its accuracy, precision, depth, strong student support, and abundant exercises.
- Teacher’s Edition includes answers to all problems in the margin and in the back of the book.

PRECALCULUS – GRAPHING OPTIONAL

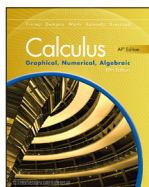


Blitzer, *Precalculus*, 5th Ed., ©2014

- Student Edition includes FREE 1-year access to *MathXL for School*.
- Exceptionally clear and accessible presentation.
- “Make Sense?” classroom discussion exercises test conceptual understanding.
- New true/false critical thinking exercises.
- Motivational – abundant student support with voice balloons and stepped out solutions.

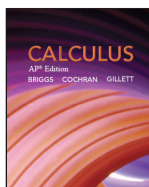
AP® CALCULUS

Advanced Placement



NEW! Finney, Demana, Waits, Kennedy, Bressoud
Calculus: Graphical, Numerical, Algebraic,
5th Ed., ©2016, AP® Edition

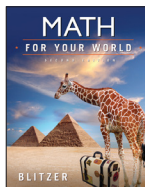
- Student Edition includes FREE 1-year access to *MathXL for School*.
- Adheres to the new guidelines for the AP* Calculus Curriculum Framework
- Prepares students for both the AB and BC AP* Calculus exams.
- Added guidance on the use of graphing calculators.
- Robust teaching resources, including correlation and pacing guides, and point-of-need answers.
- AP* Test Prep workbook correlated to the textbook.
- Supports the new AP Calculus Mathematical Practices.



Briggs, Cochran, *AP Calculus*, ©2014

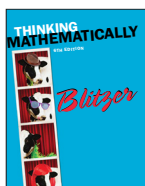
- Student Edition includes FREE 1-year access to *MathXL for School*.
- AP-specific chapter content clearly correlates to the AP Curriculum Framework and prepares students for the AB or BC exam.
- A ground breaking and award winning eBook includes more than 400 interactive figures drawn straight from the book (available in *MyMathLab® for School*).
- Interactive figures allow for teachers to illustrate important ideas in the classroom and students to explore concepts in ways that a static book cannot provide.
- Quick check margin notes encourage the student to read with pencil in hand.
- A cumulative exercise sets and a set of AP practice exercises conclude each chapter
- AP* Test Prep workbook correlated to the textbook

3RD- / 4TH-YEAR MATH



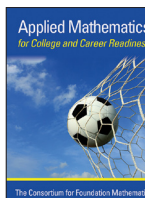
NEW! Blitzer, *Math For Your World*, 2nd Ed. ©2016

- Student Edition includes FREE 1-year access to *MathXL for School*.
- Developed specifically for high school students needing another year of math.
- Voice balloons, step-by-step solutions, and real-world application of the content make learning math accessible.
- Includes two chapters on financial math.



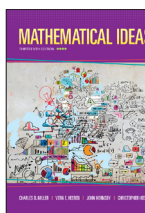
NEW! Blitzer, *Thinking Mathematically*,
6th Ed., ©2015

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For students who need another year of math — a general survey of math topics.
- New Edition includes Great Question! This feature presents content in the form of a student question. The answers offer suggestions for problem solving, point out common errors to avoid, and provide informal hints and suggestions.
- The author researched hundreds of books, magazines, almanacs, and online data sites to prepare for the 6th Edition.



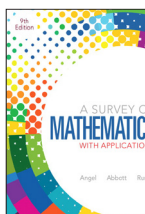
NEW! The Consortium for Foundation Mathematics,
Applied Mathematics: College and Career Readiness
©2016

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For a hands-on experience.
- Presents mathematical concepts and skills through relevant activities derived from real-world situations.



Miller, *Mathematical Ideas*, 13th Ed., ©2016

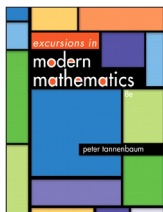
- Student Edition includes FREE 1-year access to *MathXL for School*.
- Uses pop culture to engage students in the math.
- Varied exercises focus on drill, conceptual, writing, and applied skills.



Angel, et al., *A Survey of Mathematics with Applications, Expanded Edition*, 9th Ed., ©2013

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For students needing another year of math — mixed topics.
- Practical, engaging, and accessible to all levels.
- Why This Is Important sections help students make the connection between their lives and the mathematics they are learning.
- Exercise sets have been updated to give students more opportunity for practice.

3RD- / 4TH-YEAR MATH (continued)

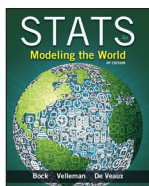


Tannenbaum, *Excursions in Modern Mathematics*, 8th Ed., ©2014

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For students needing another year of math — mixed topics.
- Excursions organized into four parts:
 - > The Mathematics of Social Choice
 - > Management Science
 - > Growth and Symmetry
 - > Statistics
- Exercises divided into three difficulty levels.

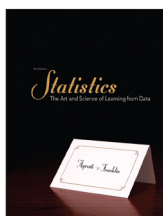
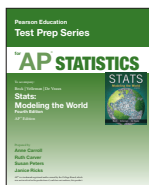
STATISTICS

Advanced Placement



NEW! Bock, et al., *Stats: Modeling the World*, 4th Ed., ©2015, AP[®] Edition

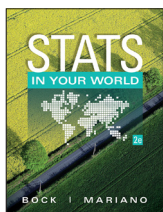
- Student Edition includes FREE 1-year access to *MathXL for School*.
- The most cited text in the College Board's AP Statistics sample syllabi.
- Award-winning author team.
- Applauded for its readability—your students will read this book!
- Leads with practical data analysis and graphics, encouraging students to “do statistics” and “think statistically” from the start.
- New embedded AP practice exam items at the end of each part.
- New added simulation feature to the end of each chapter.
- New updated data sets and applications to further motivate and engage students.
- New *Pearson AP Test Prep: Statistics* workbook correlated to the textbook.



Honors Statistics

Agresti, Franklin, *Statistics: The Art and Science of Learning from Data*, 3rd Ed., ©2012

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For AP[®] or honors algebra-based statistics courses.
- More than 100 exercises per chapter.
- Teaches by way of examples, exercises, simulations, and hands-on activities.

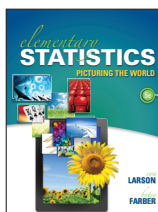


NEW! *Introductory Statistics*

Bock, Mariano, *Stats in Your World*, 2nd Ed., ©2016

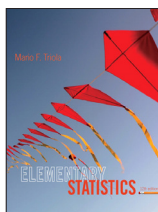
- Student Edition includes FREE 1-year access to *MathXL for School*.
- Written for high school students needing algebra-based introductory statistics.
- Written by Dave Bock, author of the highly-successful AP* book, *Stats: Modeling the World*.
- Uses real world examples to engage students in the content.
- Tiered exercise approach allows for differentiated instruction.

STATISTICS (continued)



NEW! Larson, Farber, *Elementary Statistics: Picturing the World*, 6th Ed., ©2015

- Student Edition includes FREE 1-year access to *MathXL for School*.
- For algebra-based introductory statistics courses.
- Activities built into each chapter to facilitate hands-on learning.
- Over 1,800 exercises help students build basic skills and vocabulary, use and interpret concepts, and extend concepts.
- New to this edition: improved coverage and quality of exercises with relevant data.



Triola, *Elementary Statistics*, 12th Ed., ©2014

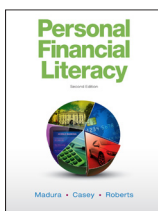
- Student Edition includes FREE 1-year access to *MathXL for School*.
- Emphasizes interpreting results rather than simply obtaining answers.
- All new *Chapter Problems*
- Over 100 cooperative group activities.
- Free statistical software — StatDisk — included with every new Student Edition.



West, *StatCrunch*, ©2014

- Web-based statistical software for use with any statistics text.
- Upload and analyze data files; and share data, results, and reports with the StatCrunch community.
- Visit www.StatCrunch.com for a preview.

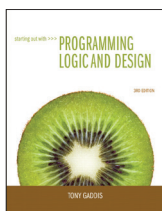
PERSONAL FINANCE



Madura, Casey, Roberts, *Personal Financial Literacy*, 2nd Ed., ©2014

- Personal Financial Literacy takes the essential principles of personal finance, as defined by national standards, and makes them accessible and applicable to today's students.
- Thoroughly revised to include new and updated coverage of FICA withholdings, current tax issues, health care legislation, the “Great Recession” and the global economy credit scoring, and more.
- Fully correlated to all relevant national and state standards.
- **MyFinLitLab™ with Pearson eText** activities, which come with the purchase of the student edition, can be completed online.

COMPUTER SCIENCE



Intro to Programming

Gaddis, *Starting Out with Programming Logic and Design*, 3rd Ed., ©2013

- A precursor to a language-specific introductory programming course.
- Contemporary coverage and Gaddis's renowned, accessible writing style.



Gaddis, *Starting Out with Java From Control Structures through Objects*, 5th Ed., ©2013

- For introductory-level programming courses using Java
- Procedural programming — control structures and methods — is covered before objects ensuring that students understand fundamental programming and problem-solving concepts.

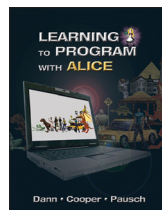
Intro to Programming

MyProgrammingLab®

Ideal supplement for introductory Java and C++ courses

- Online practice exercises and immediate personalized feedback.
- Student work is automatically graded, saving you time, and populated into a color-coded gradebook for easy reference.

For more information, visit myprogramminglab.com

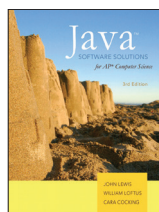


Dann, Cooper, Pausch, *Learning to Program with Alice*, 3rd Ed., ©2012

For an introduction to programming course

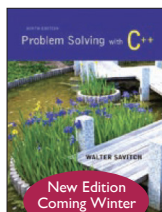
- Authored by the creators of Alice.
- Supports either an objects-first or an objects-early approach, with an optional early introduction to events.
- Textbook comes with a CD that contains a complete set of example worlds used in the text, with the initial world setup minus code.

Advanced Placement



Lewis, Loftus, Cocking, *Java™: Software Solutions for AP Computer Science*, 3rd Ed., ©2011

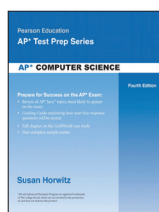
- Fully supports the course description for the AP Computer Science exam, including:
 - > Coverage of two-dimensional arrays
 - > Material on java.util.List interface
 - > Discussion and examples of Java constants Integer.MIN_VALUE and Integer.MAX_VALUE
 - > Addition of static variables (class variables)



Savitch, *Problem Solving with C++*, 8th Ed., ©2012

For introductory-level programming courses using C++

- Flexible coverage of objects: teachers can easily adapt the order in which chapters and sections are covered in their course without losing continuity.
- Easy-to-understand programming examples, projects, exercises, tips, and pitfalls.
- Available with MyProgrammingLab, the online homework and assessment tool.



Horwitz, Sudo, *Pearson Education AP® Test Prep: Computer Science*, 4th Ed., ©2011

- Strategies for approaching the GridWorld case study, a required part of the AP Computer Science curriculum.
- Review of core AP Java topics tested in a clear and concise manner.
- Four practice tests that closely resemble the AP Exam.
- Test-taking strategies so students can take the exam with confidence.