

Grades 9 – 12 Textbook Recommendations

Algebra I:

0-13-131433-5

Kennedy, Charles, et. al., Prentice Hall Mathematics, Algebra I, Pt I and II, Virginia Edition, 2006

1-55953-340-4

Murdock et. al., Key Curriculum Press, Discovering Algebra: An Investigative Approach, 2004

For Practical and Self-Contained classes of Part I and Part II Algebra I:

2-05528

Larson, Boswel, Kanold, Stiff, Algebra, Concepts and Skills, McDougal Littell, 2004

The Following materials are incorporated in the adoption of the Prentice Hall Mathematics, Algebra I, Pt I and II:

0-13-037892-5

Kennedy, Charles, et.al., Prentice Hall Mathematics, Algebra I, Pt I and II, Interactive Text CD-ROM

0-13-180732-3

Kennedy, Charles, et.al., Prentice Hall Mathematics, Algebra I, Pt I and II, Interactive Text 6 year on line access

Teacher Edition,

Kennedy, Charles, et. al., Prentice Hall Mathematics, Algebra I, Pt I and II, Virginia Edition 2006

- TeacherExpress CD-ROM teacher's edition for each course level with links to all teaching resources for the State and text.
- Explore Learning license for 1 year
- ExamView dynamic test generator to allow creation of an unlimited number of forms of a test with three levels of questions correlated to Virginia SOL
- Presentation Pro CD-ROM with Daily Skills Check, Lesson Quiz, Problem of the Day, Additional Examples, and Student Edition Answers
- TI83+/TI84+ Calculator learning activities, teaching notes, StudyCards, Concept Cards, and Student Edition Data Lists
- Math Online Intervention and Remediation with benchmark Tests, individualized assignments addressing targeted skills, instructional activities, tutorials, games, worksheets, and coded reports for teachers
- PHSchool.com interactive companion to the text accessible in school or at home via Web Codes printed in the Student and Teacher's Editions.
 - Teachers get: support materials in English and Spanish, Internet Activities with teaching notes, teaching links to web sites, professional development resources
 - Students get: homework Practice, Internet Activities, Hot Links to related Web sites
- EZData scoring system to grade benchmark tests or any tests made with ExamView Test Generator

The following materials would support the practical level Algebra I, Part I & II Larson, Boswel, Kanold, Stiff, Algebra, Concepts and Skills:

- Teacher Resource Kit Algebra, Concepts and Skills, McDougal Littell, 2004

- eEdition Plus Online or eEdition CD-ROM per student text purchased for Algebra, Concepts and Skills, McDougal Littell, 2004
- Virginia Notetaking Guide
- Basic Skills Workbook Diagnostic Remediation
- Multilanguage Glossary
- Algebra Tile Investigations Activity Book
- Strategies for Reading Mathematics
- Warm-up Exercises and Daily Homework quiz
- Graphing Calculator Activities
- Quick Catch-up for absent Students
- Real-Life Applications: When Will I Ever Use This?
- Alternative Assessment with Rubric and Math Journal

The following materials support the classroom set of Discovering Algebra: An Investigative Approach:

- Student Edition Online
- Teacher Edition
- Solution Manual
- Teaching Resources on CD
- Test Generator and Worksheet Builder on CD
- Calculator Programs and Data CD

Algebra II:

0-13-131439-4

Kennedy, Charles, et. al., Prentice Hall Mathematics, Algebra II, Virginia Edition 2006

1-55953-606-3

Murdock et. al., Discovering Advanced Algebra: An Investigative Approach, Key Curriculum Press 2004

The Following materials are incorporated in the adoption of the Prentice Hall Mathematics, Algebra II, Virginia Edition:

0-13-037891-7

Kennedy, Charles, et.al., Prentice Hall Mathematics, Algebra II, Interactive Text CD-ROM

0-13-180735-8

Kennedy, Charles, et.al. Prentice Hall Mathematics, Algebra II, Interactive Text 6 year on line access

Teacher Edition:

Kennedy, Charles, et. al., Prentice Hall Mathematics, Algebra II, Virginia Edition 2006

- TeacherExpress CD-ROM teacher's edition for each course level with links to all teaching resources for the State and text.
- Explore Learning license for 1 year
- ExamView dynamic test generator to allow creation of an unlimited number of forms of a test with three levels of questions correlated to Virginia SOL
- Presentation Pro CD-ROM with Daily Skills Check, Lesson Quiz, Problem of the Day, Additional Examples, and Student Edition Answers
- TI83+/TI84+ Calculator learning activities, teaching notes, StudyCards, Concept Cards, and Student Edition Data Lists

- Math Online Intervention and Remediation with benchmark Tests, individualized assignments addressing targeted skills, instructional activities, tutorials, games, worksheets, and coded reports for teachers
- PHSchool.com interactive companion to the text accessible in school or at home via Web Codes printed in the Student and Teacher's Editions.
 - Teachers get: support materials in English and Spanish, Internet Activities with teaching notes, teaching links to web sites, professional development resources
 - Students get: homework Practice, Internet Activities, Hot Links to related Web sites
- EZData scoring system to grade benchmark tests or any tests made with ExamView Test Generator

The following materials support the classroom set of Discovering Advanced Algebra: An Investigative Approach:

- Student Edition Online
- Teacher Edition
- Solution Manual
- Teaching Resources on CD
- Test Generator and Worksheet Builder on CD
- Calculator Programs and Data CD
- Demonstrations with Fathom and The Geometer's Sketchpad w/CD

Geometry:

0-13-131432-7

Kennedy, Charles, et. al. Prentice Hall Mathematics, Geometry, Virginia Edition, 2006

1-55953-459-1

Michael Serra, Key Curriculum Press, Discovering Geometry, 3rd Ed., 2004

For Practical and Self-Contained classes of Part I and Part II Geometry:

2-61444

Larson, Boswel, Stiff, Geometry, Concepts and Skills, McDougal Littell, 2005

The Following materials are incorporated in the adoption of the Prentice Hall Mathematics, Geometry:

0-13-037893-3

Kennedy, Charles, et. al., Prentice Hall Mathematics, Geometry Interactive Text CD-ROM

0-13-180747-1

Kennedy, Charles, et. al., Prentice Hall Mathematics, Geometry Interactive Text 6 year on line access

Teacher Edition:

Kennedy, Charles, et. al., Prentice Hall Mathematics, Geometry, Virginia Edition, 2006

- TeacherExpress CD-ROM teacher's edition for each course level with links to all teaching resources for the State and text.
- Explore Learning license for 1 year

- ExamView dynamic test generator to allow creation of an unlimited number of forms of a test with three levels of questions correlated to Virginia SOL
- Presentation Pro CD-ROM with Daily Skills Check, Lesson Quiz, Problem of the Day, Additional Examples, and Student Edition Answers
- TI83+/TI84+ Calculator learning activities, teaching notes, StudyCards, Concept Cards, and Student Edition Data Lists
- Math Online Intervention and Remediation with benchmark Tests, individualized assignments addressing targeted skills, instructional activities, tutorials, games, worksheets, and coded reports for teachers
- PHSchool.com interactive companion to the text accessible in school or at home via Web Codes printed in the Student and Teacher's Editions.
 - Teachers get: support materials in English and Spanish, Internet Activities with teaching notes, teaching links to web sites, professional development resources
 - Students get: homework Practice, Internet Activities, Hot Links to related Web sites
- EZData scoring system to grade benchmark tests or any tests made with ExamView Test Generator

The following materials would support the practical level Part I and Part II Geometry, Larson, Boswel, Stiff, Geometry, Concepts and Skills:

- Teacher Resource Kit Geometry, Concepts and Skills, McDougal Littell, 2004
- eEdition Plus Online or eEdition CD-ROM per student text purchased for Geometry, Concepts and Skills, McDougal Littell, 2004
- Virginia Notetaking Guide
- Basic Skills Workbook Diagnostic Remediation
- Multilanguage Glossary
- Visualize It! Transparencies
- Parent Guide for Student Success
- Strategies for Reading Mathematics
- Lesson Plans for Block Scheduling
- Warm-up Exercises and Daily Homework quiz
- Activity support Masters
- Technology Activities with Keystrokes
- Quick Catch-up for absent Students
- Cooperative Learning Activities
- Alternative Assessment with Rubric and Math Journal

The following materials support the classroom set of Discovering Geometry: An Investigative Approach:

- Student Edition Online
- Teacher Edition
- Solution Manual
- Teaching Resources on CD
- Test Generator and Worksheet Builder on CD
- Demonstrations with The Geometer's Sketchpad w/CD

Precalculus/Analysis

0-618-39480-X **Larson, Precalculus with Limits: A graphing Approach, 4th Edition, McDougal Littell, 2005**

Teacher and Student Resources to support Precalculus with Limits: A graphing Approach:

- Test Generator with Instructor's ClassPrep CD-ROM
- Instructor's Annotated Edition
- Study and Solution Guide
- Test Item File ;and Instructor's Resource Guide

Calculus

0618-23973-1 **Larson, Calculus with Analytic Geometry, 7th Edition, McDougal Littell 2005**

Teacher and Student Resources to support Calculus with Analytic Geometry :

- Pupil's Edition with learning Tools CD-ROM
- Calculus of a Single Variable
- Calculus of a Single Variable with Learning Tools CD-ROM
- Instructor's Resource Guide
- Instructor's AP Themes Booklet
- Student Study and Solutions Guide
- Instructor Solution Guide
- Test Item File
- Test Generator,
- Graphing Technology guide for Calculus
- Calculus Video Program
- HM ClassPrep Instructor's CD-ROM

College Algebra and Trigonometry

0-13-191845-1 **Precalculus, 2nd Edition, Blitzer, Prentice Hall, 2004**

Teacher and Student Resources to support Precalculus, 2nd Edition, Blitzer:

- Instructor Edition
- Instructor Solution Manual
- Test Item File
- TestGenerator CD-ROM
- Student solution Manual
- Re-teaching CD-ROMs

Probability and Statistics

Standard/Advanced Probability and Statistics:

0-13-192495-8 **Elementary Statistics: Picturing the World, 3rd Edition,**
Larson, Farber, Prentice Hall, 2006

AP Probability and Statistics:

The Practice of Statistics, 2nd Edition, Yates/Moore Starnes,
W.H. Freeman, 2005

Teacher and Student Resources for AP Probability and Statistics, Elementary Statistics: Picturing the World, 3rd Edition, Larson, Farber, Prentice Hall, 2006 :

- Annotated Teacher Edition
- Instructor Solution Manual
- Test Bank
- CD Lecture series
- Student Data CD
- Student solution Manual
- Test Generator
- TI-83+ Guide
- MiniTab Guide

Teacher and Student on line Resources for AP Probability and Statistics, The Practice of Statistics: 2nd Edition, Yates/Moore Starnes:

- Statistical Applets
- EESEE Stories
- Statistics on the Web
- Supplementary Topics
- Online Quizzes
- Post Exam Chapters
- Data Sets
- Errata Pages

Discrete Mathematics

0-13-100191 **Excursions in Modern Mathematics, Tannenbaum, 5th Edition, 2004,**
Prentice Hall

Teacher and Student Resources for Excursions in Modern Mathematics , Discrete Mathematics:

- Test Item File
- Instructor solution Manual
- Test Generator CD-ROM
- Student Solution Manual

Computer Mathematics using the Graphing Calculator

0471-32784-0

Mathematics, An Applied Approach, 8th Edition, Sullivan and Mizrabi, Peoples Publishing, 2004

Teacher Resources to support Mathematics, An Applied Approach, 8th Edition:

- Instructor's Solutions Manual
- Test Bank
- Student Solutions Manual
- Technology Resource Manual
- Computerized Test Bank

Additional High School Ancillary Materials including Technology

Key Curriculum Press	Fathom2 Dynamic Data Software
Key Curriculum Press	Geometer's Sketch Pad Version 4
Texas Instruments	TI 83+ or TI 84+ graphic calculator, or equivalent as approved by Virginia State DOE
Texas Instruments	Calculator Based Rover (CBR) Data Collection Unit
Texas Instruments	Calculator Based Laboratory System 2 (CBL2) and appropriate probe modules to interface with CBL2
Texas Instruments	TI Navigator Classroom System Hub and Student Kits
Larson Learning Inc.	Larson's Algebra I Software Package
Apex Learning	Boxer Math Pre Algebra and BoxerMath 6-12

- *Algebra I Word Problems*, Anita Harnadek, Critical Thinking Books and Software, 2001, ISBN: 0-89455-799-8
- *Algebra II Word Problems*, Anita Harnadek, Critical Thinking Books and Software, 2001, ISBN: 0-89455-799-8
- *Navigating through Algebra in Grades 9–12 (with CD-ROM)*, by Maurice Burke, David Erickson, Johnny W. Lott, and Mindy Obert 2001, NCTM, ISBN 0-87353-502-2
- *Navigating through Geometry in Grades 9–12 (with CD-ROM)*, by Roger Day, Paul Kelley, Libby Krussel, Johnny W. Lott, and James Hirstein 2002, NCTM, ISBN 0-87353-514-6
- *Navigating through Data Analysis in Grades 9–12 (with CD-ROM)*, by Gail Burrill, Christine A. Frankin, Landy Godbold, and Linda J. Young 2003, NCTM, ISBN 0-87353-524-3
- *Navigating through Probability in Grades 9–12 (with CD-ROM)*, by J. Michael Shaughnessy, Gloria Barrett, Rick Billstein, Henry A. Kranendonk, and Roxy Peck 2004, NCTM, ISBN 0-87353-525-1
- *Navigating through Measurement in Grades 6–8 (with CD-ROM)*, by George W. Bright, Patricia Lamphere Jordan, Carol Malloy, and Tad Watanabe NCTM, ISBN 0-87353-545-6

- *Navigating through Measurement in Grades 9–12* (with CD-ROM), by Masha R. Albrecht, Maurice J. Burke, Wade Ellis, Jr., Dan Kennedy, and Evan M. Maletsky, NCTM, ISBN 0-87353-546-4
- *Mission Mathematics II: Grades 9–12*, edited by Peggy A. House and Roger P. Day Stock #12876

Student Manipulative Materials:

- Compass
- Ruler and meter stick
- Measuring tape
- Angle ruler
- Protractor
- Algebra Tiles