Technology Overview

Pearson Algebra 1 • Geometry • Algebra 2

Common Core ©2015
PearsonSuccessNet.com is the gateway for students and teachers to all digital components available for the *Pearson Algebra 1, Geometry, Algebra 2 Common Core Edition* ©2015. This includes access to the online Student Edition with audio, the Teacher’s Edition, interactive tutorial videos, animations, presentation tools, online assessment with remediation, as well as lesson planning, editable worksheets, and a sophisticated classroom management system.

**Virtual Nerd™ Videos**

Virtual Nerd provides anytime, anywhere support with interactive video tutorials! Virtual Nerd’s Dynamic Whiteboard™ is an e-Learning system that anticipates students’ questions, so they can easily drill down to related prerequisite content.

The innovative design makes it easy for students to stay engaged and focused. Students can easily access FAQs, terms, and definitions. The program has three viewing windows: Explanatory Video, Diagram, Step-by-Step Solution.

**Virtual Nerd™ Smartphone Application**

A FREE Virtual Nerd smartphone application is accessible from any smartphone with an Internet connection. Search by Common Core standard or your book’s Table of Contents, and get instant access to Virtual Nerd tutorial videos.
Learn by Doing

Dynamic Activities provide an interactive way for students to explore lesson concepts. Additionally, Interactive Math Tools such as a graphing utility, algebra tiles, and geometry software allow you and your students to engage directly with math content.

Practice Makes Perfect

MathXL® for School tutorial exercises provide interactive practice at mid-chapter and at the end of each chapter. Every exercise provides learning aids—including an interactive guided solution—sample problems, and algorithmically regenerated problems so students can retry exercises as many times as they wish.

Personalized Assessment

Pearson’s Success Tracker™ online assessment system provides instant analysis of class and student performance. Student progress is measured throughout the year with lesson quizzes, benchmark tests correlated to the Common Core State Standards, and more. Success Tracker™ diagnoses student success, prescribes automatic remediation, and reports on student and class progress.

Digital materials offer substantial promise for conveying mathematics in new and vivid ways and customizing learning. In a digital or online format, diving deeper... is often possible.

(High School Publishers’ Criteria for the Common Core State Standards for Mathematics, page 6)
Technology Overview

Log-on now to preview the online components. Go to PearsonSuccessNet.com and fill in the information below.

User Name: HSM2015@demouser
Password: CCSS@pass1
Type is case sensitive

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| myPearsonTraining.com        | myPearsonTraining.com | Self-paced video tutorials and webinars help educators identify all program components and begin integrating the material into their classroom.  
To view a program overview go to www.mypearsontraining.com — no username or password required. |
| PearsonSuccessNet.com        |              | Pearson Success Net serves as the portal into the digital world of *Pearson Algebra 1, Geometry, Algebra 2*. ALL online components are easily accessible from this one location.  
Online access includes a wealth of assets, such as the complete Student Edition with audio, complete Teacher’s Edition, editable worksheets, interactive online activities, Virtual Nerd™ videos and online assessments with remediation. |
| Interactive Lessons for Every Section |              | Solve It: Interactive Lesson Opening Problem  
Dynamic Activity: Digital Manipulatives for exploration, available for selected lessons where appropriate  
Instruction: All Lesson problems are stepped out with detailed instruction. To change to a different problem, click on the problem number in the black toolbar  
Practice: Lesson Exercise pages from the Student Text are available for view  
Assessment: A student self-check quiz with answers on the second screen  
Vocabulary: Interactive Glossary in English and Spanish with audio |
| Math Tools                   |              | Math Tools help students explore and visualize concepts.  
• Online Graphing Utility  
• Interactive Number Line  
• Algebra Tiles  
• 2D Geometric Constructor  
• 3D Geometric Constructor |
| Virtual Nerd™ Videos         |              | Virtual Nerd interactive video tutorials provide:  
• Personalized interaction and control  
• Ability to drill down to more detailed explanations  
• Access to FAQs, terms, and definitions  
• Three viewing windows: Explanatory Video, Diagram, Step-by-Step Solution |
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<td>Students and teachers get instant access to Virtual Nerd’s tutorial videos with Pearson’s free smartphone application. Search for content by Common Core standard or by your book’s Table of Contents. Accessible from any smartphone with an Internet connection.</td>
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<td><strong>MathXL® for School</strong></td>
<td><img src="image" alt="Image" /></td>
<td>MathXL® for School provides unlimited practice and remediation with tutoring and guided assistance for every chapter. Most problems are short answer problems that require students to actually “do the math.” There are three options once a problem is started: 1) Work through the problem and receive instant feedback. 2) “Help Me Solve This” – interactive tutorial supports the development of understanding. Once the tutorial is finished a new problem regenerates for additional support or independent practice. 3) “View an Example” – a similar problem is displayed with step-by-step instruction. Available at PearsonSuccessNet.com</td>
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<td><strong>Online Classroom Management Resources for Teachers</strong></td>
<td><img src="image" alt="Image" /></td>
<td>Content: Assign benchmark, diagnostic, and chapter tests; plus, mid-chapter and lesson quizzes. Planning: Online Lesson Planner allows you to drag and drop lessons to create detailed editable lesson plans correlated to the Common Core State Standards. Report: Reports track student and class performance by mastery, item analysis, and benchmark. Classes: Add students manually or import class rosters. Assign diagnostic tests for a course and edit settings for students based on results. Available at PearsonSuccessNet.com</td>
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<td>Pearson Success Tracker™ online assessment system provides instant analysis of student performance with assessments and reports correlated to the Common Core State Standards. Success Tracker™ includes built-in lesson level, chapter level, and progress monitoring assessments. Success Tracker™ diagnoses student success, prescribes automatic remediation, and reports on student and class progress. The remediation provided is in multiple formats: video, tutorial, activity, worksheet, games, and audio. Available at PearsonSuccessNet.com</td>
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<td><strong>Common Core Standards Practice and Review</strong></td>
<td><img src="image" alt="Image" /></td>
<td>Common Core Standards Practice and Review provides a clear path to Next-Generation Assessment Preparation. Formative Assessments  • Screening Test  • Benchmark Test  • Weekly Common Core Standards Practice Summative Assessments  • Quarter Test (versions G and K)  • Mid-Course Test (versions G and K)  • Final Test (versions G and K) Standardized Support  • Common Core Practice End-of-Course Comprehensive Assessments  • Common Core Practice Performance-Based Assessments  • SAT and ACT Practice Test Assessment Resources  • Reports  • Blank Answer Sheets  • Answer Keys Available at PearsonSuccessNet.com</td>
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| **Student and Teacher eText**              | ![iPad and Android eText](image) | The Student Edition eText is available online and on the iPad® and Android™ eText. Features include:  
- Audio voice over of stepped out problems  
- Visual glossary with audio  
- Highlighting and notetaking tools  
- Access to student workbook pages |
| **Online Multilingual Handbook**           | ![Multilingual Handbook](image) | The Multilingual Handbook contains a table of glossary terms in 10 different languages and a glossary with visual representations for the following languages:  
- English  
- Cambodian  
- Cantonese  
- Haitian Creole  
- Korean  
- Spanish  
- Vietnamese  
- Hmong  
- Filipino  
- Mandarin |
| **Online Teacher Resources**               | ![Teacher Resources](image) | All teacher resources are also available online. Several resources, such as practice worksheets and tests, open in a Word document and are completely editable. The following resources are organized by chapter:  
- Student Companion  
- Additional Vocabulary Support (Editable)  
- Think About a Plan (Editable)  
- Practice Forms G & K (Editable)  
- Standardized Test Prep  
- Extra Practice (Editable)  
- Find the Errors  
- Enrichment (Editable)  
- Reteaching  
- Homework Video Tutors  
- Quiz Forms G & K (Editable)  
- Chapter Test Forms G & K (Editable)  
- Cumulative Reviews  
- Performance Tasks  
- Chapter Projects  
- Activities, Games, and Puzzles (Editable)  
- Teaching with TI Technology |
| **Homework Video Tutors**                  | ![Homework Video Tutors](image) | Homework Video Tutors walk students through step-by-step explanations of every concept and sample homework exercises. Students are given opportunities to receive guided practice.  
Homework Video Tutors are great to use as a reteaching/remediation tool or for students who are absent from class. |
| **www.interactmath.com**                   | ![InteractMath](image) | Interactive step-by-step tutorials for problems similar to homework exercises. Each problem within InteractMath.com regenerates to a new problem, so students have UNLIMITED homework practice and help with this innovative program. |
### Technology Overview

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| **Answers and Solutions CD-ROM**   |          | Easy access to all textbook answers AND solutions.  
  • Choose formats for printing or for whiteboard display  
  • Personalize and save answer files for all classes  
  • Use at home or at school—transfer files onto USB drive |
| **ExamView® Assessment Suite CD-ROM** |          | The most powerful test generator available—with the most comprehensive test banks correlated to state standards.  
  • QuickTest Wizard to build assessments in seconds  
  • Correlated to the Common Core State Standards—easily create benchmarked assessments  
  • Test items translated into Spanish  
  • Support for modifying tests quickly and easily  
  • Math Art Gallery to import images into your assessments  
  • New Banks allow for editing and modifying existing practice worksheets and chapter assessments  
  • Compatible with Classroom Performance Systems and Learning Management Systems  
  • Additional features include: two-column formatting, publishing tests to the Internet, updated style gallery, and much more. |
| **TI-Nspire™ Lesson Support CD-ROM** |          | For every lesson, three types of TI-Nspire documents guide students from interactive exploration through self-assessment: Content Explorations, Lesson Quiz, and Standardized Test Prep. |
| **Teaching with TI Technology**    |          | Pearson and Texas Instruments co-developed this activity booklet and CD-ROM to effectively incorporate TI technology into the math classroom. Contains instructional activities, graphing calculator labs for the TI-83 and TI-84, StudyCards™, and data lists. |
| **Teaching Resources DVD**         |          | The Teaching Resources DVD provides a wealth of resources, organized by chapter, to help teachers reach all of their students:  
  • Student Companion  
  • Additional Vocabulary Support (Editable)  
  • Think About a Plan (Editable)  
  • Practice Forms G & K (Editable)  
  • Standardized Test Prep  
  • Enrichment (Editable)  
  • Reteaching (Editable)  
  • Homework Video Tutors  
  • Quiz Forms G & K (Editable)  
  • Chapter Test Forms G & K (Editable)  
  • Cumulative Reviews  
  • Performance Tasks  
  • Chapter Projects  
  • Activities, Games, and Puzzles (Editable)  
  • Teaching with TI Technology |
| **Weekly Common Core Standards Practice** |          | Common Core practice problems for 30 weeks, presented in the same format as Next-Generation Common Core Assessments; available as a PowerPoint file. |
Pearson Algebra 1, Geometry, Algebra 2

Teacher Resources: Print, DVD, and Online

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Go to PearsonSuccessnet.com for access to the online Teaching Resources. See page 4 for demo access.