Engage Today’s Students

Introducing PowerAlgebra.com and PowerGeometry.com—the gateway for students and teachers to all the digital components available for the Pearson High School Mathematics series. This includes access to the online Student Edition with audio, Teacher’s Edition, student-generated videos, animations, presentation tools, online assessment with remediation, as well as lesson planning, editable worksheets, and a sophisticated classroom management system.

Lights, Camera…Math!
My Math Videos, found at the beginning of each chapter, are student-produced videos that engage students in math concepts that are relevant to their lives. Through the Pearson Video Challenge, students can demonstrate their own understanding and creativity by generating their own videos to be included on PowerAlgebra.com and PowerGeometry.com.

Learning by Doing
Dynamic Activities provide an interactive way for students to explore lesson concepts. Additionally, math tools enable you and your students to utilize the functionality of tools such as a graphing calculator, algebra tiles, and geometry software.
Today’s students are digital natives. These students are not merely technology-savvy; they are approaching their lives differently as they integrate digital technologies seamlessly throughout daily activities. Let’s not have them ‘power-down’ when they get to math class.”

—Laurie Bass, program author
# Pearson

## Algebra 1, Geometry, Algebra 2 Technology Overview

Log-on now to preview the online components:

**PowerAlgebra.com** or **PowerGeometry.com**

<table>
<thead>
<tr>
<th>Title</th>
<th>Component</th>
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<tbody>
<tr>
<td>myPearsonTraining.com</td>
<td>myPearsonTraining.com</td>
<td>Self-paced video tutorials and webinars help educators identify all program components and begin integrating the material into their classroom. The &quot;go at your own pace&quot; modules include: Program Overview, Teaching a Lesson, Orientation to the Digital Systems, The Digital Teacher’s and Student Editions, How Students Use Success Tracker, and much more. To view a program overview go to <a href="http://www.mypearsontraining.com">www.mypearsontraining.com</a> — no username or password required.</td>
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<tr>
<td>PowerAlgebra.com and PowerGeometry.com</td>
<td></td>
<td>PowerAlgebra.com and PowerGeometry.com serve as the portals into the digital world of Pearson Algebra 1, Geometry, Algebra 2. <strong>ALL</strong> online components are easily accessible in 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, My Math Videos, and online assessments with remediation.</td>
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| MyMath Video | | Student-Generated Chapter Opener Videos:  
- Motivate students through real world connections  
- Video illustrations of critical mathematics concepts and real-world applications  
- YouTube®-style video relevant and engaging to today’s student population  
Students can submit their own videos for the Pearson Video Challenge. For more information go to www.pearsonvideochallenge.com. |
| 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 |
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| **Math Tools**  
Available at PowerAlgebra.com or PowerGeometry.com | ![Math Tools icon] | Math Tools help students explore and visualize concepts.  
- Online Graphing Utility  
- Interactive Number Line  
- Algebra Tiles  
- 2D Geometric Constructor  
- 3D Geometric Constructor |
| **MathXL® for School**  
Available at PowerAlgebra.com or PowerGeometry.com | ![MathXL for School icon] | 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 |
| **Online Classroom Management Resources For Teachers**  
Available at PowerAlgebra.com or PowerGeometry.com | ![Online Classroom Management Resources icon] | Content: Assign benchmark, diagnostic, and chapter tests; 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. |
| **Success Tracker™**  
Available at PowerAlgebra.com or PowerGeometry.com | ![Success Tracker™ icon] | 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. |
| **Progress Monitoring Assessments**  
Available at PowerAlgebra.com or PowerGeometry.com | ![Progress Monitoring Assessments icon] | Progress Monitoring Assessments provide a clear path to adequate yearly progress through systematic testing and recommendations for remediation.  
**Formative Assessments**  
- Screening Tests  
- Benchmark Tests  
**Summative Assessments**  
- Quarter Test G and K  
- Mid-Course Test G and K  
- Final Test G and K  
**Standardized Support**  
- Test-Taking Strategies  
- ACT and SAT Practice Tests  
**Assessment Support**  
- Reports  
- Answer and Bubble Sheets  
- Answer Keys |
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| Student and Teacher eText | Available at PowerAlgebra.com or PowerGeometry.com | The Student Edition eText is available online and on the iPad. 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 | Available at PowerAlgebra.com or PowerGeometry.com | 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 (including editable worksheets and tests) | Available at PowerAlgebra.com or PowerGeometry.com | 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  
- Common Core Implementation Guide  
- Additional Vocabulary Support  
- Think About a Plan  
- Practice Forms G & K  
- Standardized Test Prep  
- Extra Practice  
- Find the Errors  
- Enrichment  
- Solve It  
- Additional Practice  
- Reteaching  
- Homework Video Tutors  
- Quiz Forms G & K  
- Chapter Test Forms G & K  
- Cumulative Reviews  
- Performance Tasks  
- Chapter Projects  
- Activities, Games, and Puzzles  
- Teaching with TI Technology |
<p>| Homework Video Tutor (in English and Spanish) | Available at PowerAlgebra.com or PowerGeometry.com | 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. |</p>
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<td><a href="http://www.interactmath.com">www.interactmath.com</a></td>
<td><img src="image" alt="Interactmath" /></td>
<td>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.</td>
</tr>
</tbody>
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| Prentice Hall Answers and Solution Key CD-ROM | ![Answers and Solution Key](image) | 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 | ![Assessment Suite](image) | 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  
- New features include: two-column formatting, publishing tests to the internet, updated style gallery, and much more. |
| TI-Nspire™ Lesson Support CD-ROM | ![TI-Nspire](image) | 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 | ![Teaching with TI Technology](image) | 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 | ![Teaching Resources DVD](image) | 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  
- Think About a Plan  
- Practice Forms G & K  
- Standardized Test Prep  
- Enrichment  
- Reteaching  
- Homework Video Tutors  
- Quiz Forms G & K  
- Chapter Test Forms G & K  
- Cumulative Reviews  
- Performance Tasks  
- Chapter Projects  
- Activities, Games, and Puzzles  
- Teaching with TI Technology |
## Pearson Algebra 1, Geometry, Algebra 2 Common Core Edition

Teacher Resources: Print, DVD, and Online*

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<td>Student Companion</td>
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<td>Student Companion, Foundations</td>
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<td>Practice Form K (Editable)</td>
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<td>Standardized Test Prep</td>
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<td>Extra Practice (Editable)</td>
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<td>Solve It! and Lesson Quiz</td>
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* Go to PowerAlgebra.com and PowerGeometry.com for access to the online Teaching Resources—see inside for access code.