

PLATO[®] Algebra I and II

Grade Level: 6–14
Target Audience: Middle/High School/Adult
Audio Support: Optional

Product Features

- 236 discrete learning objectives
- Built-in student worksheets
- Tutorials, applications, mastery tests, and offline activities
- Engaging graphics and animations
- Spiral curricula
- Curriculum placement test
- Competency-based instruction
- Variety of online tools

Product Benefits

- Aligns to national, state, and local standards
- Allows for individualized learning paths
- Teaches foundation skills needed to understand and apply algebraic concepts
- Provides core algebra required in high school
- Prepares learners for today's high-tech jobs

Online Tools

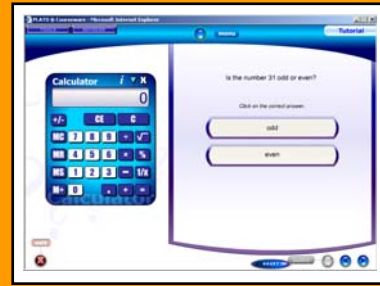
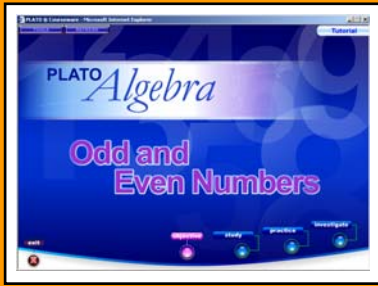
Notebook—allows learner to type, save, and print notes
 Calculator—provides tool for basic math operations and calculations
 Graphing Tool—eliminates need for learner to provide this tool
 Start Over—returns to beginning of module
 Help/About—provides explanation of menu icons

Menu Icons (Tutorial)

Objective—states specific learning objective for each module
 Study—introduces skills to be presented in the module
 Practice—allows learner to apply what they learned in the study section
 Investigate—allows learner to extend what they have studied in the tutorial
 Exit—allows learner to stop and exit the activity

Reference Materials (Refer to PLATO Documentation CD)

PLATO Curriculum Guide—Algebra I and II
 Student Materials and Offline Activities—Algebra I and II
 Student Materials and Offline Activities—Answer Keys



Getting Started

- Refer to the PLATO Curriculum Guides—Algebra I and Algebra II to learn about the product features and benefits.
- Use the Scope and Sequence in the PLATO Curriculum Guides—Algebra I and Algebra II to identify learning objectives.
- Begin previewing courseware modules at the appropriate grade level.
- Become familiar with the reference materials on the PLATO Documentation CD.

Module Progression

- Tutorial—teaches the math objective and provides investigation activities (not scored).
- Application—reinforces objectives taught in the tutorial (scored).
- Mastery test—includes randomly generated questions with no help available (scored).
- Offline Activities—includes a cadre of student activity worksheets to reinforce skills.

Assessment

- Assign PLATO Fastrack to prescribe learner placements and exemptions.
- Use the mastery test as a pre-test.
- Use the Student Material and Offline Activities as a pre-test to identify learning gaps.

Implementation Strategies

- Align the courseware modules with state standards and classroom instruction.
- Use Algebra I to strengthen core skills for future algebraic applications.
- Assign the Student Material and Offline Activities as a supplement to a courseware module.
- Include course level modules in credit recovery learning paths.
- Use as primary, supplemental, and complimentary (self-paced) instruction.

Evaluation

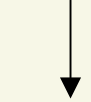
- Generate selected teacher reports to track learner progress and measure gains.
- Discuss report data with learner to determine the next step.
- Use the Student Material and Offline Activities as a post test.

Extension Exercises

- Use the PLATO Algebra I and II student activity worksheets in small groups.
- Search for web sites that align thematically with the various topics.
- Create web site library for each course.
- Align courseware modules with textbooks and district objectives.

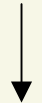
Curriculum
Structure

Curriculum



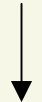
Algebra I
Part I

Course



Basic
Number
Ideas

Module



Odd
and Even
Numbers

Tutorial

Application

Mastery Test

Offline Activity

For more information, please call 800.44.PLATO or visit www.plato.com

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