PLATO Learning Quick Reference Card

Math

PLATO® Applied Math

Grade Level: 6–9
Target Audience: Middle/High School/Adult
Audio Support: No

Product Features

- 29 discrete learning objectives
- Tutorial, application, and mastery tests
- Course level assessment
- Individualized lessons suitable for diverse learning situations
- Competency-based instruction
- Referenced learner material includes formulas, tables, and additional content for questions answered online

Product Benefits

- Teaches practical mathematics skills needed in the workplace
- Allows learner to progress at their own pace
- Applies topics to real-world scenarios
- Allows for individualized learning paths
- Provides a precise measurement of learner progress in mastery terms
- Promotes individual accountability of learning

Online Tools

Calculator—provides tool for basic math operations and calculations
Dictionary—allows learner to search for the definition and correct spelling of a word
Notebook—allows learner to type, save, and print notes
Glossary—provides definition of terms essential to understanding the activity

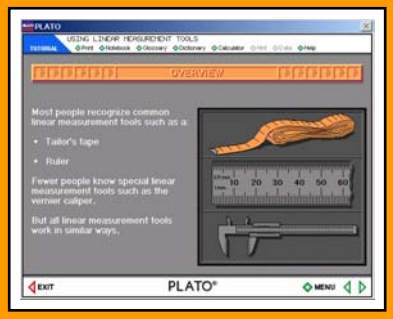
Menu Icons

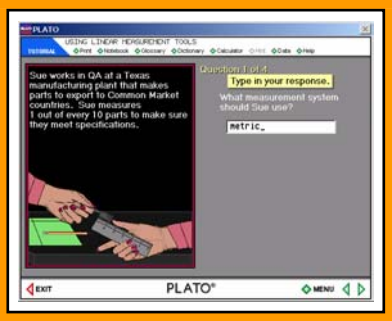
Print—allows learner to print current screen
Hint—provides clues to help determine answer
Data—displays information relative to the activity
Help—provides explanation of menu icons and key strokes in the activity
Right green arrow—moves forward to the next screen
Left green arrow—moves backward to previous screen
Left red arrow—allows learner to stop and exit the activity

Reference Materials (Refer to PLATO Documentation CD)

PLATO Curriculum Guide—Applied Math
Student Materials and Offline Activities—Applied Math

PLATO LEARNING™





Getting Started

- Refer to the PLATO Curriculum Guide—Applied Math to learn about the product features and benefits.
- Use the PLATO Software and Service Guide to identify curriculum structure.
- Begin previewing courseware modules appropriate to instructional area.
- Become familiar with the Student Materials and Offline Activities on the PLATO Documentation CD.

Course Progression

- Tutorial—teaches the math objectives and provides investigation activities (not scored).
- Application—reinforces objectives taught in the tutorial (scored).
- Mastery tests—includes randomly generated questions with no help available (scored).

Assessment

- Use Course Level Assessments to exempt learner from modules that contain skills they have already mastered and prescribe modules that target learning gaps.
- Use a state or local assessment to further identify and prioritize instructional needs.

Implementation Strategies

- Use as the primary delivery of instruction to provide content, practice, and application opportunities.
- Use as a supplement to instruction and present alternative instructional activities for targeted topics.
- Enrich learning by delivering instructional activities that compliment instruction.
- Allow the learner to study at his or her level and move at his or her own pace.

Evaluation

- Review learner materials to evaluate mastery of content skills.
- Generate selected teacher reports to track learner progress and measure gains.
- Discuss report data with learner to determine next steps.

Extension Exercises

- Search for web sites that align thematically with the various courses.
- Allow learner to create their own worksheets relative to assigned topics.
- Align courseware modules with textbooks and district objectives.
- Create word problems that complement the graphs, tables, and charts listed under Instructor Aides in the PLATO Curriculum Guide—Applied Math.

Curriculum Structure

Curriculum

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Applied Math

Course

↓

Using Measurement Tools

Tutorial

Application

Mastery Test

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

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