

PLATO[®] Data Skills

Grade Level: 6–12
Target Audience: Middle/High School/Adult
Audio Support: No

Product Features

- 84 discrete learning objectives
- Tutorial, application, and mastery tests
- Curriculum introduces learner to reading and interpreting graphs and charts
- Competency-based instruction
- Referenced student material includes tables, charts, and graphs for questions answered online
- Course level assessment
- Individualized lessons suitable to diverse learning situations

Product Benefits

- Thorough introduction to data skills needed for the workplace
- Complete instruction of topics related to data skills
- Learner gains understanding of working with charts and graphs from a workplace perspective
- Learner works through material at their own pace, addressing the current ability level
- Learner progresses through the curriculum according to the teach, apply, test method
- Promotes individual accountability of learning

Online Tools

Notebook—allows learner to type, save, and print notes

Glossary—provides definitions of terms essential to understanding the activity

Dictionary—allows learner to search for the definition and correct spelling of a word

Calculator—provides tool for basic math operations and calculations

Menu Icons

Print—allows learner to print current screen

Hint—provides clue to help determine answers

Data—displays information relative to the activity

Help—provides explanation of menu icons and key strokes in the activity

Menu—allows learner to return to lesson menu

Right green arrow—moves forward to the next screen

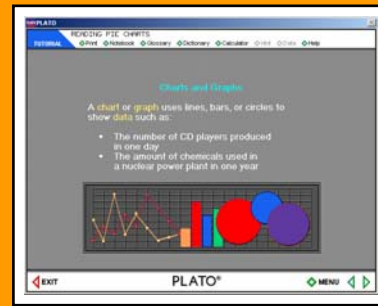
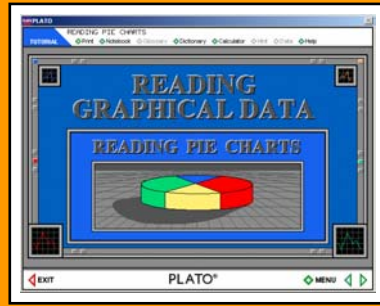
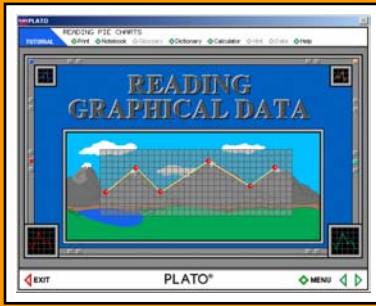
Left green arrow—moves backward to previous screen

Left red arrow—allows learner to stop and exit the activity

Reference Materials (Refer to PLATO Documentation CD)

PLATO Curriculum Guide—Data Skills

Student Materials and Offline Activities—Data Skills



Getting Started

- Refer to the PLATO Curriculum Guide—Data Skills 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.

Module 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 the PLATO® Fastrack Curriculum Placement Test to determine skill level placement.
- 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 compliment to instruction with various types of activities.
- Use as a supplement to instruction and present alternative instructional activities for targeted topics.
- Allow the learner to study at his or her level and pace activities.
- Use the Course Level Assessments as an alternative to the PLATO Fastrack.

Evaluation

- Review learner materials to evaluate mastery of content skills.
- Measure the time spent completing the mastery test in each activity.
- Determine the percent of modules mastered to determine level of competency.
- Use state or local assessment to determine grade level gains.

Extension Exercises

- Assign learner Activity Worksheets that apply to the content presented in the modules.
- Provide learner with 'real-life' situations where they read charts and graphs.
- Use various newspapers and magazines to find charts and graphs that learner can reference to create questions and evaluate answers.

Curriculum
Structure

Curriculum



Data Skills

Course



Reading
Graphical
Data

Module



Reading
Pie Charts

Tutorial

Application

Mastery Test

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

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