



Measure Math Skills, Not Test-Taking Skills

Diagnostic Mathematical Assessment Data: **GMADE**

Pearson's complementary solutions enable educators to enrich student learning through meaningful assessment data, frequent feedback, and actionable results.

Lead K–12 students through the instructional cycle with the normative *GMADE™ (Group Mathematics Assessment and Diagnostic Evaluation)*. Based on national mathematics standards, this complete solution allows educators to understand students' abilities, teach according to their needs, and evaluate their progress.

GMADE test content is designed to build students' confidence and help them demonstrate their knowledge. By working on tests at their own pace, students experience a sense of accomplishment after mastering concepts. Because tests allow students to demonstrate their true grasp of math concepts, educators can build a reliable picture of instructional success.

GMADE is based on highly reliable scientific research, providing all of the elements educators need in order to correctly and proficiently assess all mathematical competencies. *GMADE* uses the standards set by the National Council of Teachers of Mathematics (NCTM) and is correlated to the NCTM Focal Points to ensure that core skills are represented.

As *GMADE* tests progress, each measures sequentially more challenging skills appropriate to the specific levels. With *GMADE*'s rich assessment data, educators can determine placement of students, analyze strengths and weaknesses, plan instruction, monitor growth from grade to grade, help with post-secondary educational planning, and more. Using the *GMADE* assessment to guide instruction will ensure student success while helping deliver Adequate Yearly Progress (AYP) gains.

**group administration
with individual results**

Why Consider *GMADE*?

- Eligible for Title I funding
- Addresses special needs of RTI students
- Uses NCTM standards to assess core skills
- Compliant with the federal MathNow algebra preparation initiative



Carefully Developed on National Standards

The *GMADE* assessment was carefully developed to provide a broad sampling of appropriate mathematical tasks, based on a yearlong internal research study of:

- state standards
- curriculum benchmarks
- scope and sequence plans of common math textbook series
- review of research on best-practice for teaching and learning math concepts and skills

Everything You Need for Accurate Assessment

Based on scientific research, *GMADE* provides the components needed to conduct highly reliable, efficient mathematics assessments:

- Parallel forms facilitate multiple testing options throughout the school year.
- Booklets are designed to be student friendly, and some are reusable for increased cost-effectiveness.
- Scannable Booklets and/or Answer Sheets, available for Levels 1 – Adult, save time with efficient test scoring.
- Teacher's Administration Manuals provide detailed scripts for giving tests and helpful hints to keep students on task.
- Teacher's Scoring and Interpretive Manuals include detailed diagnostic information to help plan focused lessons based on test results.
- Technical Manual details the scientific basis of *GMADE* and the standardization/norming process, providing extra background information for reports to districts and state education agencies.
- Out-of-Level Norms Supplement is available for testing students above or below grade level and determining progress.
- Handscoring Templates simplify the scoring process and ensure accurate scoring of student answer booklets and answer sheets.
- Scoring and Reporting software provides added flexibility and efficiency for scoring large numbers of tests and writing clear, in-depth reports.
- *GMADE* Resource Libraries provide hundreds of reproducible activities and worksheets to reinforce critical math skills, all in a convenient CD-ROM format.

The cornerstone of *GMADE*'s assessment standards is the Principles and Standards for School Mathematics, as established by the NCTM, which uses distinct content and process standards to consistently evaluate mathematical performance.



GMADE is a complete solution that allows educators to understand students' abilities, teach according to their needs, and evaluate their progress.



Learn More:

877-324-2401 Option 3

A4L@pearson.com

www.PearsonGMADE.com

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ISBN 99989-89-56-6

