

Diagnostic Mathematics Assessment

Author: Fredricka Reisman
Grades 1 and 2

Working Time: 1 hour

New Product!

The **DMA** provides a standardized diagnostic instrument designed to evaluate areas of strengths and weaknesses in mathematics.

The **DMA** subtests are:

- Number Sense
- Algebra and Functions
- Measurement and Geometry
- Statistics, Data Analysis, and Probability
- Mathematical Reasoning

A hand-scored group test, the **DMA** was designed to be administered to the entire class in three sittings to avoid student fatigue.

After the scores for the five subtests are determined, they are added together to get a total score. The total score is then matched to one of four levels of readiness. DMA's Class Record Sheet and Class Summary Report are used to record information about individual and group performance on each subtest and on the entire test.

entire test.

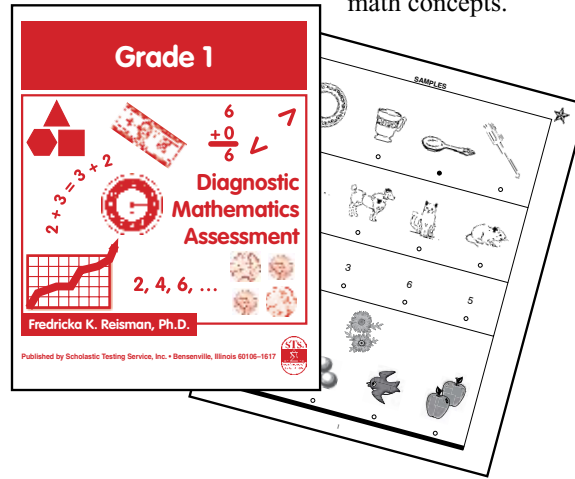
Test results help teachers discover where additional instruction may be needed. Results may also be used to form fluid groups for group instruction in mathematics.

The **DMA** for grade 1 should be given at the end of

first grade or at the beginning of second grade. Likewise, the **DMA** for grade 2 should be given at the end of second grade or at the beginning of third grade.

DMA Grade 1 Instructional Strategies Manual

The **DMA 1 Instructional Strategies Manual** is a unique component of the DMA 1. The Instructional Strategies Manual includes a detailed wrong response analysis as well as lists of instructional strategies for grade one. Instructors may find the instructional strategies in the manual to be helpful for any student struggling with first grade math concepts.



Curious about other STS products?



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Kindergarten Readiness Test (KRT)

School Readiness Test (SRT)

Diagnostic Mathematics Assessment (DMA)

Readiness Testing for
Young Learners –
Pre-K through
Grade 2



Scholastic Testing Service, Inc. • Bensenville, Illinois

Kindergarten Readiness Test

Authors: O. F. Anderhalter and Jan Perney

Working Time: 25–30 minutes

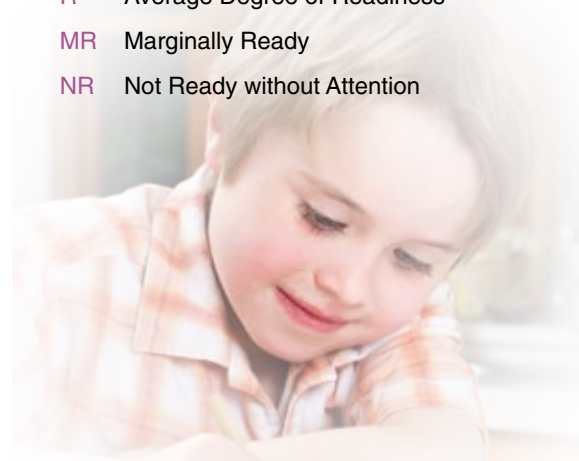
The **KRT** is designed to be administered at the end of preschool or before the third full week of kindergarten, individually or in small groups (no more than three students per group). In thirty minutes or less, each student is evaluated by six subtests (with six items per test) which are:

- Vocabulary
- Identifying Letters
- Visual Discrimination
- Phonemic Awareness
- Comprehension and Interpretation
- Mathematical Knowledge

Students entering kindergarten are generally presumed ready to begin formal instruction in the development of reading, mathematics, and language skills. However, at this age students vary considerably in terms of the development of underlying competencies, which are essential for such early school learning. This leads to the fundamental purpose of the **KRT**, to determine the extent to which each of the underlying competencies has been developed, so that instruction can be modified to meet the needs of each student.

Once administered, the **KRT** is easily hand-scored. After the scores for the six subtests are determined, they are added together to get a total score. The total score is then matched to one of four levels of readiness:

- R+** Above Average Degree of Readiness
- R** Average Degree of Readiness
- MR** Marginally Ready
- NR** Not Ready without Attention



School Readiness Test

Authors: O. F. Anderhalter and Jan Perney

Working Time: 1 hour, 20 minutes

The **School Readiness Test (SRT)** is also a hand-scored group test designed to be administered by the classroom teacher at the end of kindergarten or before the third full week of first grade.

Each student is evaluated by seven subtests, with an optional Handwriting Assessment. Total administration time is one hour and twenty minutes over several test sessions. The seven **SRT** subtests are:

- Vocabulary
- Identifying Letters
- Visual Discrimination
- Phonemic Awareness
- Comprehension and Interpretation
- Mathematical Knowledge
- Developmental Spelling Ability
- Optional–Handwriting Assessment

After the scores for the seven required subtests are determined, they are added together to get a total score. The total score is then matched to one of six levels of readiness, which are related to national percentiles and stanines:

- R++** High Degree of Readiness
- R+** Above Average Degree of Readiness
- R** Average Degree of Readiness
- MR** Marginally Ready
- NR** Not Ready without Special Attention
- NR–** Not Ready without Much Special Attention

All these scores can also be recorded on the corresponding Class Record Sheet and Class Summary Report.



Spanish editions of the KRT and SRT

Spanish editions of the KRT and SRT are now available for students who are not yet proficient in English. You may order these editions online or call STS at 1.800.642.6787.

