Utilizing GRADE/GMADE Data to Drive Instruction

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What is the GRADE/GMADE?
• Norm-referenced diagnostic assessments
• Given BEFORE/DURING instruction to DRIVE instruction
• Performance by foundational skill
• Determine weak skills areas or “gaps” that require remediation and intervention,

What is it: a total solution
**RADE/GMADE Philosophy:**
The Individual Learner

- Students are individuals
- When students fail or fall below a "cut-score," reasons for failure vary from student to student

**GRADE/GMADE Snapshot**

- Group Administered
- Eleven test levels
- Normative scores available for each form
- Growth scale values (GSVs) for tracking growth over time.

**Scientifically Researched and Norm Referenced**

Carefully developed to provide a broad sampling of appropriate reading competencies. The GRADE/GMADE assessment was standardized in 2000 across the nation to include:

- 33,000+ students
- Varied ethnicities
- Range of socioeconomic groups
- Both genders
- Special Needs students
- Regional/National groups
What makes this a great tool?

- Diagnostics for pinpointing areas of intervention
- Recommended activities for intervention
- Valuable data for pre-referral teams
- Ability to track individual/group progress over time

Components

- **Booklets** are designed to be student friendly, and are re-useable Levels 4-A to be more cost effective
- **Parallel forms** facilitate multiple testing options throughout the school year
- **Scannable Answer Sheets** available for Levels 1-A save time with efficient scoring of tests
- **Teacher’s Administration Manuals** provide detailed scripts for giving tests and helpful hints to keep students on task

Instructional Design

**STEP 1: ASSESS**

Instructional Cycle
What does it assess: subtests

<table>
<thead>
<tr>
<th>Early Literacy Skill</th>
<th>GRADE Subtest</th>
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<tr>
<td>Phonemic Awareness</td>
<td>Sound Matching</td>
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<td>Rhyming</td>
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<td></td>
<td>Same &amp; Different Words</td>
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<td>Phonics</td>
<td>Letter Recognition</td>
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<td>Correspondence</td>
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<td>Vocabulary</td>
<td>Word Meaning</td>
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<td></td>
<td>Vocabulary</td>
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<tr>
<td>Fluency</td>
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<td>Reading Fluency Indicator*</td>
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<tr>
<td>Comprehension</td>
<td>Sentence Comprehension</td>
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<td>Passage Comprehension</td>
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<td>Listening Comprehension</td>
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Phonemic Awareness
Students demonstrate their ability to identify sound-letter correspondence

Phonics
Students demonstrate their ability to identify words that begin and end with the same sound and rhyme
**What does it assess: subtests**

**Vocabulary**
Students demonstrate their knowledge and understanding of words and their meanings.

**Comprehension**
Students demonstrate their ability to comprehend a sentence as a whole or complete thought; their ability to comprehend a passage; and their understanding of vocabulary, grammar, idioms, inferences, and non-literal items in passages or sentences read silently and aloud.

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<table>
<thead>
<tr>
<th>Content Standards</th>
<th>Concepts &amp; Communication</th>
<th>Operations &amp; Computation</th>
<th>Process &amp; Application</th>
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How does it analyze: software options

- **Hand score**
  - All scoring and analysis can be done by hand with the scoring and interpretation manuals

- **Hand Entry or Scanning Software**
  - Software is available in hand entry (Mac/PC) or scanning (PC only), installed on one computer per CD, enter student responses and the program scores and interprets it

- **Network (Client Server)**
  - Available in hand entry (Mac/PC) or scanning (PC only), installed on the district server, comes with 3 licenses, additional licenses can be purchased, one time purchase

- **Scoring Services**
  - Customers send test forms out to be scored and reports generated, semi-annual or annual purchase

Available Scores:

- **Raw score** ~ total number of correct answers
- **Standard score** ~ Scores that have an average range of 85-115 and a mean of 100
- **Stanines** ~ a scoring range of 1-9 with a mean of 5
- **Percentile Rank** ~ to compare/rank with a standardized group of same-aged peers
- **NCE** ~ Normal Curved Equivalence - based on percentiles 1-99, with a mean score of 50
- **Growth Scale Value** ~ equal interval measurement of reading achievement so progress can be tracked over time
- **Total test score** ~ scores for the combined 3 subtests
- **Age / Grade equivalents** ~ comparison to equivalent age or grade based norms
How does it analyze: reports both individual and group

**Individual Reports** (Individual Score Summary, Individual Diagnostic Analysis, Individual Progress, Parent)

- Understand a student’s strengths and weaknesses in the various subtests
- Breakdown of skills: number correct, percent correct
- Progress from administration to administration, year to year
- Easy to understand parent overview, available in Spanish
How does it analyze: reports both individual and group

Group Reports (Group Score Summary, Group Diagnostic Analysis by Item, Error, and Type, Group Progress Report)

- Overall picture of how the class or school performs on each subtest
- Class/school averages for types of questions answered correctly and incorrectly
- Review of individual/class responses to each item per subtest
- Class/school average of common errors per subtest
- Capture class progress from administration to administration, year to year

How does it analyze: Group
How does it analyze: group reports

Instructional Design

STEP 3: INTERVENE

Instructional Cycle

Intervention: GRL, Building Success, Head for Success

Plan focused instruction directly linked to assessment results

- GMADE Resource Libraries
- GRADE Resource Libraries
- Head for Success
- Building Success
**Intervention: GRL, Building Success, Head for Success**

Plan focused instruction directly linked to assessment results

**GRADE Resource Libraries**
- Teaching activities & worksheets dealing with the same skill areas covered by GRADE/GMADE on a searchable CD, eleven CDs, one for each level, offer activities, worksheets, and booklists for remediation, on level, and enrichment practice.

**Building Success**
- Available for Levels PreK-High School, this workbook series, correlated to GRADE, reinforces and reviews specific reading and math areas. Built to be used in small groups or individually, this workbook series addresses Word Attack Skills, Sounds, Vocabulary, Reading Comprehension

**Head for Success**
- Workbooks (Levels 1-5 only) build reading and math skills with correlated activities. Lessons include guided practice for students' areas of need. This series offers lessons with instruction, practice, and test practice specifically correlated to the subtests of GRADE and GMADE and can also be used as a stand alone supplemental curriculum.
Match Test Level to Ability Level

- **GRADE/GMADE** can be given on-level or out-of-level
  - On-level testing is reliable for all students at that grade level
  - Out-of-level testing is reliable for very high- or very-low readers above or below the test level
- See Handout #2 GRADE on-level and out-of-level administration
What makes this a great RTI tool?

- Parallel Forms
- Out of level norms
- Diagnostics for pinpointing areas of intervention
- Recommended activities for intervention
- Valuable data for pre-referral teams

Questions??