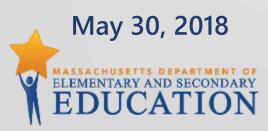
MA Framework Aligned Numeracy Assessments for SLIFE Placement and Support

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Objective

☐ SLIFE Guidance Updated (Draft)

- Appendix E: SLIFE Numeracy Assessment Protocol
 - 2017 Framework for Mathematics
 - MA Mathematics Framework Progression Chart Tool
 - Pre-assessment
 - Grade 4 Exemplar





Focus

Appendix E: SLIFE Numeracy Assessment
 Protocol (MA Students with SLIFE Guidance page 26)





Rationale

Numeracy skills, like literacy skills, provide a gateway for students to successfully engage in their education and beyond. Numeracy skills provide a foundation for understanding grade-level mathematical concepts. Interruptions in formal instruction can impact a student's numeracy skills.

What is Numeracy

Students demonstrate numeracy skills when they "apply grade-level basic and computational skills by identifying and understanding numbers, performing simple arithmetic operations, and comparing numerical magnitude."





Appendix E: SLIFE Numeracy Assessment Protocol

Help Educators:

- Determine
 Expected Grade
 Level
- Identify Grade -Level Domains and Clusters
- Identify
 Numeracy Skills
 within Clusters

Part One: Identify Expected Grade-Level Numeracy Skills Part Two: Select Assessment Activities

- Adapt or Create
 Assessment
 Tools and
 Activities
- Assess the Student's Numeracy Skills

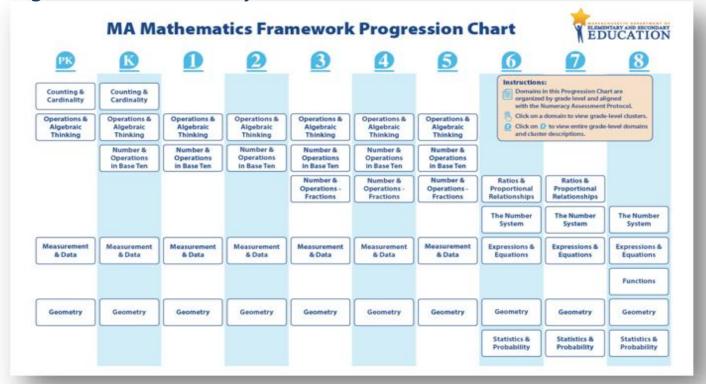
For proper SLIFE placement and supports





Part 1: MA Mathematics Framework Progression Chart Tool

Purpose: Identify expected grade level numeracy skills



The Progression Chart Tool



Test Drive MA Framework Progression Tool

- □Scenario One (together): Student age 10 years
 - Expected grade level in MA?
 - Two grade levels below would be?
- Scenario Two (tryout): Student age 11 years
 - Expected grade level in MA?
 - Two grade levels would be?
- Note: Make sure your assessments align to grade-level standards





Part II: Designed for no common language

- Pre-Assessment
- Grade 4 Exemplar
 - Use as is
 - Develop similar assessments for other grade levels



Part II: To be used in extreme case of no common language

Pre-Assessment



Part II continued...

- Grade 4 Exemplar
 - Use as is
 - Develop similar assessments for other grade levels



Reflections and Discussions

- How could you be using the Progression tool?
- Could the Progression Tool be used to develop/identify/modify assessments for English Learners? All students?
- How could you use the pre-assessment and grade 4 exemplar?





Materials from today's presentation:

https://drive.google.com/drive/folders/1u0IY0-a13JI6w8FBzIDESX4CI6IkX3vF



(Note: Download documents and save before opening; the MA Mathematics Framework Progression Chart Tool is not compatible with MS Edge)

HANK YOU

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