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)*
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
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-a13JI6w8FBzIxDESX4Cl6lkX3vF

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

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