Agile Mind Algebra I

Due to unexpected school facility closures, schools must plan to address unfinished learning gaps that will be wider than in a typical school year. To support students in math, teachers should begin the 2020-2021 school year with Unit 1 from on-grade-level curriculum. Previous grade-level skills and supports should be embedded into the on-grade-level learning throughout the school year.

LEAP 360 is an optional, free high-quality assessment system that provides educators with information about student learning throughout the school year. The LEAP 360 diagnostic assessments provide school systems and school leaders, teachers, and parents a sense of whether students are prepared for grade-level content or whether they need additional support to access grade-level content.

This document provides a mapping of each LEAP 360 math diagnostic item to show the alignment to topics within the Agile Mind curriculum. LEAP 360 diagnostic mapping should be used to support teachers in identifying where students may have unfinished learning and need additional supports.

Topic	Aligned LEAP 360 Diagnostic Item(s)
Topic 1: Constructing graphs	4, 6, 13, 19, 20, 23, 26, 33, 38, 39, 42, 46, 49, 52
Topic 2: Multiple representations in the real world	2, 9, 16, 29, 36
Topic 3: Functions	8, 12, 22, 27, 31, 41, 44, 48, 51, 55
Topic 4: Rate of change	43, 47, 50, 53
Topic 5: Moving beyond slope-intercept	None
Topic 6: Creating linear models for data	None
Topic 7: Descriptive statistics	None

Topic	Aligned LEAP 360 Diagnostic Item(s)
Topic 8: Solving linear equations and inequalities	5, 11, 18, 30, 32
Topic 9: Absolute value functions, equations, and inequalities	None
Topic 10: Systems of linear equations and inequalities	7, 15, 24, 35, 40, 45, 54
Topic 11: Other methods for solving systems	None
Topic 12: Nonlinear relationships	None
Topic 13: Exponential functions and equations	3, 10, 17, 28, 34
Topic 14: Arithmetic and geometric sequences	None
Topic 15: Graphs of quadratic functions	None
Topic 16: Operations on polynomials	None
Topic 17: Modeling with quadratic functions	None
Topic 18: Solving quadratic equations	1, 14, 21, 25, 37
Topic 19: The quadratic formula	None

Other resources that may be useful in planning for a Strong Start:

- Ensuring the Continuity of Instruction with Agile Mind
- Agile Mind Supports for Unfinished Learning
- Algebra I Remediation Guide