Agile Mind Grade 8

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: Transformational geometry and similarity	16, 18, 19, 24, 25, 26, 33, 36, 38, 39, 41, 43
Topic 2: Real numbers	3, 7, 11, 14
Topic 3: Laws of exponents and scientific notation	4, 10, 23, 28, 35, 37, 44, 45
Topic 4: Pythagorean Theorem	17, 22, 31, 40
Topic 5: Analyzing graphs	None
Topic 6: Exploring rate of change in motion problems	None
Topic 7: Linear patterns and functions	None

Topic	Aligned LEAP 360 Diagnostic Item(s)
Topic 8: Understanding slope and y-intercept	2, 5, 8, 13, 21, 34, 46
Topic 9: Exploring bivariate data	None
Topic 10: Nonlinear relationships	None
Topic 11: Solving linear equations	1, 6, 9, 12, 15, 20, 27, 29, 30, 32, 42
Topic 12: Formulating and solving systems	None
Topic 13: Other methods for solving systems	None
Topic 14: Exploring geometric relationships	None
Topic 15: Cylinders, cones,and spheres	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
- Grade 8 Remediation Guide