Agile Mind Geometry

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: Using inductive reasoning and conjectures	None
Topic 2: Rigid transformations	1, 8, 12, 55
Topic 3: Transformations and coordinate geometry	None
Topic 4: Deductive reasoning, logic, and proof	23, 35, 40
Topic 5: Conditional statement and converses	None
Topic 6: Lines and transversals	2, 7, 10, 13, 16, 27, 28, 31, 34, 45, 46, 51
Topic 7: Properties of a triangle	24, 26, 29, 32, 38, 44, 49

Topic	Aligned LEAP 360 Diagnostic Item(s)
Topic 8: Special lines and points in triangles	None
Topic 9: Congruent triangle postulates	None
Topic 10: Using congruent triangles	None
Topic 11: Compass and straightedge constructions	None
Topic 12: Dilations and similarity	5, 17
Topic 13: Applications of similarity	None
Topic 14: Pythagorean Theorem and the distance formula	3, 6, 9, 14, 18, 22, 25, 30, 36, 42, 47, 50, 53
Topic 15: Right triangle and trig relationships	None
Topic 16: Polygons and special quadrilaterals	None
Topic 17: Algebraic representations of circles	4, 11, 15, 19, 33, 43
Topic 18: Chords, arcs, and inscribed angles	None
Topic 19: Lines and segments on circles	None

Topic	Aligned LEAP 360 Diagnostic Item(s)
Topic 20: Modeling with area	20, 39, 52
Topic 21: Arc length and sectors of circles	21, 37, 41, 48, 54
Topic 22: Relating 2-D and 3-D objects	None
Topic 23: Prisms and cylinders	None
Topic 24: Pyramids and cones	None
Topic 25: Spheres	None
Topic 26: Analyzing dimensional changes	None
Topic 27: Revisiting probability	None
Topic 28: Conditional probability and independence	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
- Geometry Remediation Guide