

HIGH SCHOOL SCORE INTERPRETATION GUIDE FOR THE IXL Flex Math Diagnostic



The Flex Diagnostic offers powerful, actionable insight into high school students' mathematics ability levels. This guide explains how to interpret Flex Diagnostic scores, depending on whether your school follows a traditional Algebra 1, Geometry, and Algebra 2 course sequence, or an Integrated I, II, and III course sequence.

High school students who take the Flex Diagnostic in math receive an overall score as well as scores in each of six strands: Numbers & Operations, Algebra & Algebraic Thinking, Fractions, Geometry, Measurement, and Data, Statistics, & Probability. The overall math score works the same way for both traditional and integrated pathways. Students should focus on achieving an overall score of:

- 1000 by the end of Algebra I or Integrated I
- 1100 by the end of Geometry or Integrated II, and
- 1200 by the end of Algebra II or Integrated III.

Expectations for each strand differ depending on the student's course.



TRADITIONAL PATHWAY

In a traditional pathway, students complete Algebra 1, Geometry, and Algebra 2, in that order. Students following traditional pathways should primarily focus on achieving overall scores of 1000, 1100, and 1200 by the end of Algebra 1, Geometry, and Algebra 2, respectively. They should expect to make more progress in the Numbers & Operations and Algebra & Algebraic Thinking strands during their Algebra 1 and Algebra 2 courses, and to make more progress in the Geometry strand during their Geometry course.

The table below shows an ideal growth progression for a student following a traditional pathway.

Traditional Pathway Target Growth Progression									
Score	Algebra 1			Geometry			Algebra 2		
	Beginning of year	Middle of year	End of year	Beginning of year	Middle of year	End of year	Beginning of year	Middle of year	End of year
Overall	900	950	1000	1000	1050	1100	1100	1150	1200
Numbers & Operations	900	960	1030	1030	1050	1070	1070	1120	1200
Algebra & Algebraic Thinking	900	960	1030	1030	1050	1070	1070	1120	1200
Fractions (capped at 800)	800	800	800	800	800	800	800	800	800
Geometry	900	930	970	970	1050	1130	1130	1170	1200
Measurement (capped at 700)	700	700	700	700	700	700	700	700	700
Data, Statistics, & Probability	900	950	1000	1000	1050	1100	1100	1150	1200



INTEGRATED PATHWAY

In an integrated pathway, each course covers content from all strands. As in a traditional pathway, students in an integrated pathway should primarily focus on achieving overall scores of 1000, 1100, and 1200 by the end of Integrated I, II, and III, respectively. However, students in an integrated pathway should expect to see steady growth in each of their strands.

The table below shows an ideal growth progression for a student following an integrated pathway.

Integrated Pathway Target Growth Progression									
Score	Integrated I			Integrated II			Integrated III		
	Beginning of year	Middle of year	End of year	Beginning of year	Middle of year	End of year	Beginning of year	Middle of year	End of year
Overall	900	950	1000	1000	1050	1100	1100	1150	1200
Numbers & Operations	900	950	1000	1000	1050	1100	1100	1150	1200
Algebra & Algebraic Thinking	900	950	1000	1000	1050	1100	1100	1150	1200
Fractions (capped at 800)	800	800	800	800	800	800	800	800	800
Geometry	900	950	1000	1000	1050	1100	1100	1150	1200
Measurement (capped at 700)	700	700	700	700	700	700	700	700	700
Data, Statistics, & Probability	900	950	1000	1000	1050	1100	1100	1150	1200

