



Glassboro Public Schools
Office of Curriculum and Instruction

Course Name: Grade 7 Math Lab	Grade Level: 7
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BOE Adoption Date:	Revision Date(s): Summer 2023

Course Description

- Grade 7 Math Lab is a dynamic and interactive course supporting the 7th Grade New Jersey Student Learning Standards for Mathematics.
- Its purpose is to provide an opportunity for students to receive *direct help from their teacher* to support their learning in meeting all seventh grade math objectives.
- Course content includes the daily lessons included below, as well as iXL’s Real Time Diagnostic Tool.
 - Daily lessons were created using [released NJSLA problems](#) and the “Are You Ready?” activities from our [HMH Into Math Grade 7 Textbook](#)
 - Note that iXL is not to be assigned as a ‘study hall’ approach.
 - Students will work in the Real-Time Diagnostic Tool and will receive teacher assistance when working on their specific suggested strands.

Part 1 of each Daily Lesson

Grade 7					
Lesson 1	Lesson 16	Lesson 31	Lesson 46		Lesson 76
Lesson 2	Lesson 17	Lesson 32	Lessons 47 & 48	Lesson 62	Lesson 77
Lesson 3	Lesson 18	Lesson 33	Lessons 49 & 50	Lesson 63	Lesson 78
Lesson 4	Lessons 19 & 20	Lesson 34	Lesson 51	Lesson 64	Lesson 79
Lesson 5	Lessons 21 & 22	Lesson 35	Lesson 52	Lessons 65 & 66	Lesson 80
Lesson 6	Lessons 23 & 24	Lesson 36	Lesson 53	Lesson 67	Lesson 81
Lesson 7	Lesson 25	Lesson 37	Lesson 54	Lesson 68	Lesson 82
Lesson 8	Lessons 26 & 27	Lesson 38	Lesson 55	Lesson 69	Lesson 83
Lesson 9	Lesson 28	Lesson 39	Lesson 56	Lesson 70	Lesson 84
Lesson 10	Lessons 29 & 30	Lesson 40	Lesson 57	Lesson 71	Lesson 85
Lesson 11		Lesson 41	Lesson 58	Lesson 72	Lesson 86
Lesson 12		Lesson 42	Lesson 59	Lesson 73	Lesson 87
Lesson 13		Lesson 43	Lessons 60 & 61	Lesson 74	Lesson 88
Lessons 14 & 15		Lesson 44		Lesson 75	Lesson 89
		Lesson 45			Lesson 90

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Note that these problems are on or just below grade level.

Students may struggle with some problems, but that does not mean they should be skipped.

Instead, students should be guided through solving each problem.

This will strengthen problem solving skills, improve resilience and perseverance, and increase confidence.

Part 2 of each Daily Lesson

The iXL Real-Time Diagnostic provides up-to-the-minute insight into student proficiency. The diagnostic assesses students' current knowledge, pinpoints their grade-level proficiency, and creates a personalized action plan to guide them to the IXL skills that will nurture their academic growth. The Real-time Diagnostic is designed to meet all students' needs, including those who are struggling and those in need of enrichment.

- Students will work in the [Diagnostic Hub \(video\)](#) in the second portion of each class session.
- Here is the [Real-Time Diagnostic Quick Start Guide](#).
 - Students will step into the 'arena' to be 'diagnosed'.
 - Initially, students will work independently to complete 10-15 problems that will identify which specific skills are suggested.
 - Students will then 'review their levels' and work to 'strengthen their skills' in specific 'suggested strands'.

- *This provides an opportunity for the teacher to work directly with students, providing support as needed.*
 - Students can often enter the ‘arena’ to be ‘diagnosed’ and receive more ‘suggested strands’.
 - It is suggested the teacher become familiar with the Real-Time Diagnostic, and the analytics that it offers.
 - Here are additional [iXL Real-Time Diagnostic Resources](#).

Standards included, but not limited to:

6.C.3	6.NS.1	6.RP.3c-1
6.C.5	6.NS.1-2	6.RP.3c-2
6.C.7	6.NS.2	6.RP.3d
6.D.1	6.NS.3-4	6.SP.1
6.D.2	6.NS.4-1	6.SP.3
6.D.3	6.NS.6	6.SP.5
6.EE.1-1	6.NS.6c-1	7.C.2
6.EE.2a	6.NS.6c-2	7.C.7.3
6.EE.4	6.NS.7a	7.C.8
6.EE.5-2	6.NS.8	7.D.1
6.EE.6	6.RP.1	7.D.2
6.EE.7	6.RP.2	7.D.3
6.G.1	6.RP.3	7.EE.1
6.G.2-1	6.RP.3b	7.EE.2

7.EE.3

7.EE.4

7.EE.4a-1

7.EE.4a-2

7.G.1

7.G.3

7.G.4-1

7.NS.1

7.NS.1a

7.NS.1c-1

7.NS.2a-1

7.NS.2b-2

7.NS.3

7.RP.1

7.RP.2

7.RP.2a

7.RP.2b

7.RP.2c

7.RP.2d

7.RP.3-2

7.SP.4

7.SP.6

7.SP.7a

7.SP.8