



Glassboro Public Schools
Office of Curriculum and Instruction

Course Name: Grade 6 Math Lab	Grade Level: 6
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Course Description

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

5.C.1-3	5.NBT.3a	5.NF.6
5.C.4-3	5.NBT.5	5.NF.7c
5.D.1	5.NBT.6	5.NF.A.Int.1
5.D.2	5.NBT.7-3	5.OA.2-1
5.G.1	5.NBT.Int.1	5.OA.3
5.G.2	5.NF.1-1	6.C.3
5.G.4	5.NF.2-2	6.C.5
5.MD.1-1	5.NF.3	6.C.7
5.MD.3	5.NF.3-1	6.D.1
5.MD.5a	5.NF.4	6.D.2
5.MD.5c	5.NF.4b-1	6.D.3
5.NBT.1	5.NF.5a	6.EE.1-1

6.EE.2a

6.EE.4

6.EE.5-2

6.EE.6

6.EE.7

6.G.1

6.G.2-1

6.NS.1

6.NS.1-2

6.NS.2

6.NS.3-4

6.NS.4-1

6.NS.6c-1

6.NS.6c-2

6.NS.7a

6.NS.8

6.RP.1

6.RP.2

6.RP.3

6.RP.3b

6.RP.3c-1

6.RP.3c-2

6.RP.3d

6.SP.1

6.SP.3

6.SP.5