

Glencoe/McGraw-Hill Pacing and Correlation

New York Math A Edition, Glencoe *Geometry* to the New York Math A and B Core Curricula

The New York Edition of Glencoe *Geometry* is intended to cover one-third of the Math A curriculum and one-third of the Math B curriculum. The remainder of Math A is covered in the New York Math A Edition of Glencoe *Algebra 1*. The remainder of Math B is covered in Glencoe *Algebra 2*. The lesson plan that follows will allow you to complete Math A in $1\frac{1}{2}$ years.

Students Taking Math A Only (Use the pacing suggestions in black.)

If you are teaching Math A to students who will not be taking a Math B Course, use the pacing suggestions in black. The total number of days in the suggested Pacing is 88 days including 2 days per chapter for reviewing and testing.

Chapter	1	2	3	4	5	6	7	8	9	10	11	12	13	Total
Days	8	13	10	9	0	0	8	6	1*	19	15	0	9	88

***Include Lesson 9-1 in review and testing for Chapter 10.**

Note: Some *Geometry* lessons that cover Math A Standards are also covered in the New York Edition of Glencoe *Algebra 1*. For example, *Geometry* Lesson 1-1 on the Coordinate Plane is a review of Lesson 5-1 in *Algebra 1*. All of the applicable Standards are listed for these lessons, however no days are allotted for teaching them. Because there is more time available, days may be allotted for covering these lessons in the Math A/B schedule.

Students Taking Math A and Math B (Use the Pacing suggestions in bold type.)

If your Math A students will be taking a Math B Course, use the pacing suggestions in red. The total number of days in the suggested Pacing is 152 days including 2 days per chapter for reviewing and testing. A total number of days less than the typical 180-day school year allows for flexibility in planning due to testing, school cancellation, or shortened class periods.

Chapter	1	2	3	4	5	6	7	8	9	10	11	12	13	Total
Days	11	15	11	12	9	0	13	14	17	12	17	10	11	88

Preparing for a January Math A Test

Many students will be taking the Math A test in January. If this is the case in your school, teach Chapter 11 after Chapter 3 so that your students will have an opportunity to study all of the topics required for the Math A Exam prior to taking the test.

***Pacing Legend:**

Basic = This lesson directly addresses a New York Math A or Math B Performance Indicator.

Prerequisite = This lesson addresses a prerequisite skill students will need in order to master a New York Math A or Math B Performance Indicator.

Optional = This lesson does not address any New York Math A or Math B topic or is a lesson that is a review of material in *Algebra 1*.

Or, this lesson is an optional Using Technology lesson or an optional Modeling Mathematics lesson.

Student Edition Lesson	Standard black = Math A Standard; bold = Math B Standard	Pacing*	
		Type of Lesson	Number of Days
Chapter 1 Discovering Points, Lines, Planes, and Angles			
1-1	4A	Optional/ Basic	0/1
1-2	4A	Basic	1/1
1-3	3A, 4A	Basic	1/1
1-4A	Optional		0/0
1-4	4A, 4B, 5A, 5G, 5H	Basic	1/1
1-5	4B, 5G	Basic	1/1
1-6	4A, 4B	Basic	1/2
1-7A	Optional		0/0
1-7	4A	Basic	1/2
Reviewing and Testing			2/2
Chapter 2 Connecting Reasoning and Proof			
2-1	Prerequisite		1/1
New York Lesson 8	1B	Basic	1/1
New York Lesson 8B	Optional		0/0
2-2	1A, 1B	Basic	2/2
2-2B	Optional		0/0
New York Lesson 9	1B	Basic	1/1
2-3	1A, 1B	Basic	1/1
2-4	2C, 3D, 1A, 2C	Basic	1/1
New York Lesson 10	2C, 2C	Basic	2/2
New York Lesson 10B	Optional		0/0
2-5	1A	Prerequisite/ Basic	1/2
2-6	4A	Basic	1/2
Reviewing and Testing			2/2
Chapter 3 Using Perpendicular and Parallel Lines			
3-1	4A	Basic	2/2
3-2A	Optional		0/0
3-2	4A	Basic	2/2
3-3	4A, 5G	Basic	1/2
3-4	4A, 6A	Basic	2/2
3-5	4A, 4B, 5G	Basic	1/1
3-5B	Optional		0/0
3-6	Optional		0/0
Reviewing and Testing			2/2
Chapter 4 Identifying Congruent Triangles			
4-1	4A	Basic	1/1
4-2A	Optional		0/0
4-2	4A	Basic	1/1
4-3	4B, 5D, 7L, 7M	Basic	1/2
4-4A	Optional		0/0
4-4	4B, 5D	Basic	2/2
4-5	4B, 5D	Basic	1/2
4-6	4A	Basic	1/2
Reviewing and Testing			2/2

Student Edition Lesson	Standard black = Math A Standard; bold = Math B Standard	Pacing*	
		Type of Lesson	Number of Days
Chapter 5 Applying Congruent Triangles			
5-1	Optional/ Prerequisite		0/2
5-2	Optional/ Prerequisite		0/1
5-3	4A, 1B	Optional/ Basic	0/2
5-4	4A	Basic	0/0
5-5A	Optional		0/0
5-5	1A, 4A	Basic	0/1
5-6	4A	Basic	0/1
Reviewing and Testing			0/2
Chapter 6 Exploring Quadrilaterals			
6-1A	Optional		0/0
6-1	4A	Optional	0/0
6-2	4A	Optional	0/0
6-3A	Optional		0/0
6-3	4A	Optional	0/0
6-4	4A	Optional	0/0
6-4B	Optional		0/0
6-5	4A	Optional	0/0
Reviewing and Testing			0/0
Chapter 7 Connecting Proportion and Similarity			
7-1	5F	Basic	1/1
7-2	3C, 4C, 5F, 5I, 5D, 7L	Basic	1/2
7-3	4B, 5B, 5F, 5I, 5D	Basic	2/2
7-4	5F, 5D	Optional/ Basic	0/2
7-5	5F, 5I, 5D	Basic	2/2
7-6	5F	Optional	0/2
7-6B	Optional		0/0
Reviewing and Testing			2/2
Chapter 8 Applying Right Triangles and Trigonometry			
8-1A	Optional		0/0
8-1	5A, 5D, 5H	Optional/ Basic	0/2
8-2	5A, 5E	Optional/ Basic	0/2
8-3	5E, 4M, 5A, 5E	Basic	2/2
8-4	5E, 5A	Basic	2/2
8-5	4F, 5A, 5F	Optional/ Basic	0/2
8-6	4F, 5F	Optional/ Basic	0/2
Reviewing and Testing			2/2
Chapter 9 Analyzing Circles			
9-1	2A, 5A, 5H	Basic	1/1
9-2	5D	Basic	0/2
9-3	5C, 5D	Basic	0/2
9-4	5C, 5D, 6A	Basic	0/2
9-5A	Optional		0/0
9-5	5A, 5D, 5E	Basic	0/2
9-6	5C, 5D	Basic	0/2
9-7	5D	Basic	0/2

Student Edition Lesson	Standard black = Math A Standard; bold = Math B Standard	Pacing*	
		Type of Lesson	Number of Days
9-8	7A, 4A , 4D , 4L	Basic	0/2
Reviewing and Testing			0/2
Chapter 10	Exploring Polygons and Area		
10-1	4A, 5A	Basic	1/1
10-2A	Optional		0/0
10-2	7L	Optional/ Basic	0/2
10-3A	Optional		0/0
10-3	5A	Basic	1/1
10-4	5A	Basic	2/2
10-5A	Optional		0/0
10-5	2A, 5A, 5H	Basic	2/2
10-6	6B, 6C	Basic	1/2
10-7	Optional		0/0
Reviewing and Testing			2/2
Chapter 11	Investigating Surface Area and Volume		
11-1A	Optional		0/0
11-1	4A	Basic	1/1
11-1B	Optional		0/0
11-2	Optional/ Prerequisite		0/1
11-3	4A	Basic	1/1
11-4	4A	Basic	2/2
11-5	4A, 5A, 5H	Basic	2/0
11-6A	Optional		0/0
11-6	4A, 5A, 5H	Basic	2/2
11-7	4A, 5A, 5H	Basic	2/2
New York Lesson 11	5C	Basic	1/2
New York Lesson 12	5H	Basic	1/1
11-8	4A, 5A, 5F, 5I, 5H	Basic	1/1
Reviewing and Testing			2/2
Chapter 12	Continuing Coordinate Geometry		
12-1	5G, 7A, 7B, 7C, 3C	Optional/ Basic	0/1
12-2A	Optional		0/0
12-2	5G, 7A, 7B, 7C, 5E , 7C	Optional/ Basic	0/2
12-3	5D, 5J , 6E	Optional/ Basic	0/1
12-4	1A	Optional/ Basic	0/2
12-5A	Optional		0/0
12-5	4F , 5C	Optional/ Basic	0/2
12-6	Optional		0/0
Reviewing and Testing			0/2
Chapter 13	Investigating Loci and Coordinate Transformations		
13-1	4D	Basic	2/2
13-2	4D, 4E, 7A, 7B, 7C, 7E, 4E	Basic	1/1
13-3	4D, 4E	Basic	1/1
13-4	7A, 3B , 7L , 7M	Optional/ Basic	0/1
13-5	3C, 4C, 3B , 3C , 5E , 7L , 7M	Basic	1/1
13-6A	Optional		0/0

Student Edition Lesson	Standard black = Math A Standard; bold = Math B Standard	Pacing*	
		Type of Lesson	Number of Days
13-6	4C, 3B , 3C , 4I , 7L , 7M	Basic	1/1
13-6B	Optional		0/0
13-7	3B , 3C , 4I , 7L , 7M	Optional/ Basic	0/1
13-8	3C, 4C, 5F, 3C , 7L	Basic	1/1
Reviewing and Testing			2/2