



8th Grade Mathematics

Pacing Guides|[Fall](#)|[Spring](#)

2025-2026 Year-at-a-Glance

Mathematical Process Standards: The student uses mathematical processes to acquire and demonstrate mathematical understanding [8.1A](#), [8.1B](#), [8.1C](#), [8.1D](#), [8.1E](#), [8.1F](#), [8.1G](#),

First Semester		Second Semester	
1st Nine Weeks August 13 th -October 9 th	(41 instructional days)	3rd Nine Weeks January 6 th -March 12 th	(46 instructional days)
<u>Unit 1: Value and Magnitude of Real Numbers</u> (7 days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.2A , 8.2B , 8.2C , 8.2D		<u>Unit 6: Angle and Triangle Relationships involving Real Numbers</u> (14 days 3rd Nine Weeks, 19 days for the entire unit) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.6C , 8.7C , 8.7D , 8.8D	
<u>Unit 2: One-Variable Equations, Inequalities, and their Applications</u> (9 days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.8A , 8.8B , 8.8C ,		<u>Unit 7: Measurement of Three-Dimensional Figures</u> (14 days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.6A , 8.6B , 8.7A , 8.7B	
<u>Unit 3: Proportional and Non-Proportional Functions</u> (20 days) 8.5A , 8.5B , 8.5E , 8.5F , 8.5G , 8.5H		<u>Unit 8: Transformational Geometry</u> (19 days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.3A , 8.3B , 8.3C , 8.10A , 8.10B , 8.10C , 8.10D	
2nd Nine Weeks October 20 th -December 19 th	(40 instructional days)	4th Nine Weeks March 23 rd -May 22 nd	(43 instructional days)
<u>Unit 4: Developing an Understanding of Slope, Y-Intercept, and Linear Equations</u> (24 days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.4A , 8.4B , 8.4C , 8.5I , 8.9A		<u>Unit 9: Financial Literacy</u> (9 Days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.12A , 8.12B , 8.12C , 8.12D , 8.12E , 8.12F , 8.12G	
<u>Unit 5: Data and Statistics</u> (10 days) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.5C , 8.5D , 8.11A , 8.11B , 8.11C		<u>Unit 10: Making Connections</u> (15 days for the entire unit, 5 days in this nine weeks) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.3C , 8.4B , 8.4C , 8.5D , 8.5G , 8.5I , 8.7C , 8.8C , 8.10C , 8.12D	
<u>Unit 6: Angle and Triangle Relationships involving Real Numbers</u> (5 days 2nd Nine Weeks, 19 days for the entire unit) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.6C , 8.7C , 8.7D , 8.8D		<u>Unit 11: Essential Understandings of Algebra</u> (25 days for the entire unit) 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.4B , 8.5A , 8.5B , 8.5C , 8.5D , 8.5I , 8.9A , 8.11A	
*10 Flex days this semester.			