



7th Grade Advanced Mathematics

2025-2026 Year-at-a-Glance

Mathematical Process Standards: The student uses mathematical processes to acquire and demonstrate mathematical understanding [7.1A](#), [7.1B](#), [7.1C](#), [7.1D](#), [7.1E](#), [7.1F](#)

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)
Unit 00: Building Relationships and Classroom Culture (1 instructional days)		<u>Unit 08: Angle and Triangle Relationships involving Real Numbers (13 days for the entire unit)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.2A , 8.2B , 8.2D , 8.6C , 8.7C , 8.7D , 8.8D , 7.11C	
<u>Unit 01: One-Variable Equations and Inequalities with Variables on Both Sides (17 days or 850 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 7.11A , 8.8C , 8.8A , 8.8B		<u>Unit 09: Circles and Composite Figures (13 days for the entire unit)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 7.5B , 7.8C , 7.9B , 7.9C , 8.10D	
<u>Unit 02: Developing an Understanding of Slope and Y-Intercept (8 days or 400 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 7.4A , 7.7A , 8.4C , 7.4C , 8.4A		<u>Unit 10: Measurement of Three-Dimensional Figures (13 days for the entire unit)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.6A , 7.8A , 8.6B , 7.8B , 8.7A , 7.9A , 8.7B , 7.9D , 7.8C	
<u>Unit 03: Proportional and Non-proportional Relationships (17 days or 850 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.4B , 8.5G , 8.5I , 8.5A , 8.5B , 8.5E , 8.5F , 8.5H , 8.9A		*6 Flex Day	
*3 Flex Day			
2nd Nine Weeks October 20 rd -December 19 st	(40 instructional days)	4th Nine Weeks March 23 rd -May 22 th	(43 instructional days)
<u>Unit 04: Similarity and Scaled Drawings (8 Days or 400 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 7.5C , 7.5A , 8.3A		<u>Unit 11: Financial Literacy (7 days or 350 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.12D , 7.13E , 8.12A , 8.12C , 8.12G , 8.12B , 8.12E , 8.12F	
<u>Unit 05: Transformational Geometry (14 Days or 700 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.3C , 8.10C , 8.3A , 8.3B , 8.10A , 8.10B , 8.10D		<u>Unit 12: Probability (13 days or 650 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 7.6H , 7.6I , 7.6A , 7.6C , 7.6D , 7.6E , 7.6B , 7.6F	
<u>Unit 06: Statistics and Data (7 days or 350 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.5D , 7.12B , 7.12C , 8.5C , 8.11A , 8.11B , 8.11C		<u>Unit 13: Essential Understandings of Algebra (12 days or 600 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.5G , 8.5I , 8.5A , 8.5B , 8.5E , 8.5F , 8.9A	
<u>Unit 07: Real Number Relationships and Representations (4 days or 200 minutes)</u> 8.1A , 8.1B , 8.1C , 8.1D , 8.1E , 8.1F , 8.1G , 8.2D , 8.2A , 8.2B , 8.2C			
*1 Flex Day			