

Eighth Grade Math Pacing Guide

A Year at a Glance

2023 – 2024

Mathematics Clusters	Corresponding Open Up Unit	Time Frame	NC Math Standards	Supporting Standards
Week of Inspirational Math WIM Week 3 Diagnostic Assessments		August 28 – September 1 1 week		
Cluster 1: Reasoning about Similarity and Transformations	Unit 1 Unit 2	September 5 – September 29 4 weeks	NC.8.G.3 NC.8.G.2 NC.8.G.4	NC.8.G.5
Cluster 2: Reasoning about Equations and Angles	Unit 1 Unit 4	October 2 – November 9 6 weeks October 30 - end of 1st quarter	NC.8.EE.7 NC.8.EE.7 NC.8.G.5	NC.8.G.4
Cluster 3: Functional Reasoning	Unit 2 Unit 3 Unit 4 Unit 5	November 13 – January 19 9 weeks January 19 - end of 2nd quarter	NC.8.F.1 NC.8.F.2 NC.8.F.3 NC.8.F.4 NC.8.F.5 NC.8.EE.8	
Cluster 4: Statistical Reasoning	Unit 6	January 24 – February 16 4 weeks	NC.8.SP.1 NC.8.SP.2 NC.8.SP.3 NC.8.SP.4	NC.8.EE.7 NC.8.EE.7
Cluster 5: Reasoning with Rational/Irrational Numbers (and Pythagorean Theorem)	Unit 8 Unit 5	February 20– April 19 8 weeks March 28 - end of 3rd quarter	NC.8.NS.1 NC.8.NS.2 NC.8.EE.2 NC.8.G.6 NC.8.G.7 NC.8.G.8 NC.8.G.9	NC.8.EE.7 NC.8.EE.7
Cluster 6: Reasoning about Exponents/Scientific Notation	Unit 7	April 22 – May 10 3 weeks	NC.8.EE.1 NC.8.EE.3 NC.8.EE.4	
Review & End of Year Assessments	Unit 9	May 13 – June 11 4 weeks		

*Standards that will be assessed on the NC Math Check-Ins - **Check-In 1**, **Check-In 2**, **Check-In 3**.
 If a standard is assessed on two Check-Ins, it is listed twice and highlighted with each color.
 Interpret your data accordingly for **Check-In 1** as not all standards will be taught before assessing.