Pacing Guide   **8th Grade Math**   **2022 – 2023**

Marking Period 1: Unit 1 (Modules 1 and 2) and start Unit 2 (Modules 3 and 4)

Unit 1: Real Numbers, Exponents, and Scientific Notation
- Module 1: Real Numbers
  NJSLS: 8.NS.A.1, 8.NS.A.2, 8.EE.A.2

- Module 2: Exponents and Scientific Notation
  NJSLS: 8.EE.A.1, 8.EE.A.3, 8.EE.A.4

Unit 2: Proportional & Nonproportional Relationships & Functions
- Module 3: Proportional Relationships
  NJSLS: 8.EE.B.5, 8.EE.B.6, 8.F.A.2, 8.F.B.4

- Module 4: Nonproportional Relationships
  NJSLS: 8.EE.B.6, 8.F.A.2, 8.F.A.3, 8.F.B.4

Marking Period 2: Finish Unit 2 (Modules 5 and 6) and Unit 3 (Modules 7 and 8)

Unit 2: Proportional & Nonproportional Relationships & Functions
- Module 5: Writing Linear Equations
  NJSLS: 8.F.B.4, 8.SP.A.1, 8.SP.A.2, 8.SP.A.3

- Module 6: Functions
  NJSLS: 8.EE.B.5, 8.F.A.1, 8.F.A.2, 8.F.A.3, 8.F.B.4, 8.F.B.5

Unit 3: Solving Equations and Systems of Equations
- Module 7: Solving Linear Equations
  NJSLS: 8.EE.C.7

- Module 8: Solving Systems of Linear Equations
  NJSLS: 8.EE.C.8

Marking Period 3: Unit 4 (Modules 9 and 10) and Begin Unit 5 (Modules 11 and 12)

Unit 4: Transformational Geometry
- Module 9: Transformations and Congruence
  NJSLS: 8.G.A.1, 8.G.A.2, 8.G.A.3

- Module 10: Transformations and Similarity
  NJSLS: 8.G.A.3, 8.G.A.4

Unit 5: Measurement Geometry
- Module 11: Angle Relationships in Parallel Lines and Triangles
  NJSLS: 8.G.A.5, 8.EE.B.6, 8.EE.C.7

- Module 12: The Pythagorean Theorem
  NJSLS: 8.G.B.6, 8.G.B.7, 8.G.B.8

Marking Period 4: Finish Unit 5 (Module 13) and Unit 6 (Modules 14 and 15)

Unit 5: Measurement Geometry
- Module 13: Volume
  NJSLS: 8.G.C.9

Unit 6: Statistics
- Module 14: Scatter Plots
  NJSLS: 8.SP.A.1, 8.SP.A.2, 8.SP.A.3

- Module 15: Two-Way Tables
  NJSLS: 8.SP.A.4