8th Grade Pre-Algebra (1205070) Scope and Sequence 2021-2022

This course has 28 **MAFS.8** standards in five domains:
The Number System (**NS**), Expressions & Equations (**EE**), Functions (**F**), Geometry (**G**), and Statistics & Probability (**SP**).

Unit	Standards	Length of Time
Unit 1 **Understanding Real Numbers**	MAFS.8.NS.1.1, MAFS.8.NS.1.2	2 weeks
Unit 2 **One-Variable Linear Equations**	MAFS.8.EE.3.7	4 weeks
Unit 3 **Pythagorean Theorem**	MAFS.8.G.2.6, MAFS.8.G.2.7, MAFS.8.G.2.8	3 weeks
Unit 4 **Transformations**	MAFS.8.G.1.1, MAFS.8.G.1.2, MAFS.8.G.1.3, MAFS.8.G.1.4	4 weeks
Unit 5 **Linear Functions & Equations**	MAFS.8.EE.2.5, MAFS.8.EE.2.6, MAFS.8.F.1.1, MAFS.8.F.1.2, MAFS.8.F.1.3, MAFS.8.F.2.4, MAFS.8.F.2.5	6 weeks
Unit 6 **Systems of Linear Equations**	MAFS.8.EE.3.8	3 weeks
Unit 7 **Operations on Real Numbers and Scientific Notation**	MAFS.8.EE.1.1, MAFS.8.EE.1.2, MAFS.8.EE.1.3, MAFS.8.EE.1.4	4 weeks
Unit 8 **Angles**	MAFS.8.G.1.5	3 weeks
Unit 9 **Volume**	MAFS.8.G.3.9	2 weeks
Unit 10 **Bivariate Data Analysis**	MAFS.8.SP.1.1, MAFS.8.SP.1.2, MAFS.8.SP.1.3, MAFS.8.SP.1.4	3 weeks
FS Assessment window May 2nd - May 27th		
Unit 11 **One-Variable Linear Equations & Inequalities**	MAFS.912.A-REI.1.1, MAFS.912.A-REI.2.3, MAFS.912.A-CED.1.4, MAFS.912.A-CED.1.1	4 weeks

Fluency Expectations

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Operations on Rational #'s	Squares, Cubes & their Roots	Solve Simple Linear Equations	Solve Simple Linear 2x2 Systems

Last Edited: 4/29/2021