Salomé Ureña Leadership Academy MS 322
4600 Broadway, NY, NY 10040   Principal: Miriam Rosa, mrosa@m322.org
Tel: (212) 304-0853; Fax: (212) 567-3016   Assistant Principal: Freddy Budde, fbudde@m322.org
www.sulams322.org

MATH Grade 8 Curriculum

	Unit of Study	Passing Calendar
1	**Unit 1A** - Simplifying & Evaluating Expressions With Integer Exponents (8.EE.A.1) Develop and apply the properties of integer exponents to generate equivalent expressions. **Unit 1B** - Scientific Notation & Operations In Scientific Notation (8.EE.A.3 – 4)	September
2	**Unit 2** - Transformational Geometry (8.G.A.1 – 8.G.A.5)	October
3	**Unit 3A** - Solving Linear Equations In One Variable (8.EE.C.7B) **Unit 3B** - Solutions To Linear Equations In One Variable (8.EE.C.7A)	November
4	**Unit 4** - Slope And Linear Relationships (8.EE.B.6) Understand the connections between lines & linear relationships in words, graphs, tables and equations	December
5	**Unit 5** - Solving Systems Of Linear Equations (8.EE.C.8A- C) Analyze & Solve Pairs Of Simultaneous Linear Equations Graphically And Algebraically	January

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6	**Unit 6** - Proportional Linear Relationships (8.EE.B.5) Comparing, describing and graphing proportional Relationships in different representations	January
7	**Unit 7** - Functions (8.F.A.1 – 3, 8.F.B.4 – 5) Defining, writing, comparing & describing linear and non-linear functions in different representations Using functions to model relationships between quantities	February
8	**Unit 8** - Bi-Variate Statistics (8.SP.1 – 4)	March
9	**Unit 9** - Volume & Surface Area Of 3D Figures)	April
10	**Unit 10** - Angle Relationship & Similar Triangles	May
11	**Unit 11** - Pythagorean Theorem & Irrational Numbers (8.G.B.6 – 8) (8.NS.A.1-2) (8.EE.A.2) Understand and apply the Pythagorean theorem to solve problems involving right triangles; know that there are number that are not rational and approximate them by rational numbers	June