**Pre-Algebra Grade 7 - Scope & Sequence (updated 2/21/18)**

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| --- | --- | --- | --- | --- | --- |
| **Unit 0** | **Unit 1** | **Unit 2** | **Unit 3** | **Unit 4** | **Unit 5** |
| ***The Number System*** | ***Ratios & Proportions*** | ***Expressions and Equations*** | ***Geometry*** | ***Statistics & Probability*** | ***Functions*** |
| ***Add, subtract, multiply, and divide positive and negative integers.*** | ***Unit rates, proportions, percents, and scale drawings*** | ***Solving equations, π, volume, surface area, exponents, linear equations, slope, y=mx+b*** | ***Angles, area, surface area, volume, constructing triangles, cross sections, translations, reflections, rotations, congruence, Pythagorean Theorem, similarity*** | ***Chance experiments, tree diagrams*** | ***Graphs of functions, volume of solids, scatter plots, plotting data*** |
| Resources: Gr 7 Mod 2  (Eureka)  Illustrative Mathematics  3-Act Tasks  IXL & Prodigy | Resources: Gr 7 Mod 1 & Mod 4 (Eureka)  Illustrative Mathematics  3-Act Tasks  IXL & Prodigy | Resources: Gr 7 Mod 3 Gr 8 Mod 1,4 (Eureka)  Illustrative Mathematics  3-Act Tasks  IXL & Prodigy | Resources: Gr 7 Mod 6  Gr 8 Mod 2,3 (Eureka)  Illustrative Mathematics  3-Act Tasks  IXL & Prodigy | Resources: Gr 7 Mod 5  (Eureka)  Illustrative Mathematics  3-Act Tasks  IXL & Prodigy | Resources: Gr 8 Mod 5 & Mod 6 (Eureka)  Illustrative Mathematics  3-Act Tasks  IXL & Prodigy |
| 7.AS.1  7.AS.2  7.AS.3  7.EE.A.2  7.EE.B.4 | 7.RP.1  7.RP.2  7.RP.3  7.EE.B.4 & 7.EE.B.3  7.G.A.1 | 7.EE.A.1 & 8.EE.A.1  7.EE.A.2 & 8.EE.A.3  7.EE.B.3 & 8.EE.A.4  7.EE.B.4  7.G.B.4-5-6 | 7.G.A.2 & 8.G.A.1  7.G.A.3 & 8.G.A.2  7.G.B.5 & 8.G.A.3-5  7.G.B.6 & 8.G.B.6  8.G.B.7 | 7.SP.A.1 & 7.SP.C.5  7.SP.A.2 & 7.SP.C.6  7.SP.B.3 & 7.SP.C.7  7.SP.B.4 & 7.SP.C.8 | 8.F.A.1 & 8.F.B.4  8.F.A.2 & 8.F.B.5  8.F.A.3 & 8.SP.A.1-4  8.G.C.9 |
| Sprinkled in throughout… | 35 days | 35 days | 35 days | 25 days | 30 days |
| Trimester 1 | | Trimester 2 | | Trimester 3 | |