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| **Grade 7** | **Outcomes Addressed** | **Proposed Order** | **Suggested Time** | **End Date Guidelines** | **Grade 8** | **Outcomes Addressed** |  | **Suggested Time** | **End Date Guidelines** |
| Chapter 2 | N6 | Add and Subtract Integers | 3 weeks | Oct. 2 | Chapter 2 | N7 | Multiply and divide integers (includes order of operations) | 4 weeks | Oct. 9 |
| N1 | Divisibility Rules |
| Chapter 7 | SP1 | Mean, Median, Mode and Range | 2 weeks | Oct. 16 | Chapter 4 | SS2 | Nets of 3-D objects | 1 week | Oct. 16 |
| SP2 | Effect of Outliers on Mean, Median and Mode | SS5 | Top, front and side views of 3-D objects |
| Chapter 1 | PR1 | Determine expression (linear relation) from a pattern | 3 weeks | Nov. 6 | Chapter 6 | PR1 | Graph and analyze linear relations | 4 weeks | Nov. 13 |
| PR5 | Evaluate an expression given values |
| PR2 | Linear Relation>Table of Values>Graph |
| Chapter 3 | N4 | Terminating and Repeating Decimals as Fractions | 5 weeks | Dec. 11 | Chapter 1 | N1 | Understand perfect squares and square root | 4 weeks | Dec. 11 |
| N7 | Comparing and Ordering Fractions, Decimals, Whole Numbers | N2 | Estimate square roots of non-perfect squares |
| N2 | Operations with Decimals | SS1 | Develop and apply the Pythagorean Theorem |
| **District Common Benchmark Assessment: Week of December 14, 2015** |
| Chapter 5 | N5 | Addition and Subtraction of fractions | 5 weeks | Feb. 5 | Chapter 3 | N6 | Multiplication and division of fractions (includes order of operations) | 5 weeks | Feb. 5 |
| Chapter 3Chapter 7 | N3 | Percent Problems | 4 weeks | Mar. 4 | Chapter 5Chapter 7 | N3 | Understand percent greater than or equal to 0% | 4 weeks | Mar 4 |
| SP5 | Understanding Sample Space | N4 | Understand ratio and rate |
| SP4 | Probability as Ratios, Fractions and Percent | N5 | Solve problems involving ratio, rate and proportional reasoning |
| SP6 | Compare Theoretical to Experimental Probabilities | SP2 | Solve probability problems |
| Chapter 6 | PR4 | Difference between Expressions and Equations | 4 weeks | April 8 | Chapter 6 | PR2 | Model and solve equations of form: $ax=b, \frac{x}{a}=b, ax+b=c, \frac{x}{a}+b=c, a\left(x+b\right)=c$ | 4 weeks | April 8 |
| PR3 | Preservation of Equality (Maintaining Balance) |
| PR6 | Equations of form $x+a=b$ |
| PR7 | Equations of form $ax+b=c, ax=b, \frac{x}{a}=b$ |
| Chapter 4 | SS1 | Circles (radius, diameter, circumference, $π$) | 3 weeks | Apr. 29 | Chapter 4 | SS3 | Surface area of right-rectangular, right-triangular prisms and cylinders | 3 weeks | Apr. 29 |
| SP3 | Circle Graphs (construct and interpret) |
| SS3 | Parallel/Perpendicular lines, Line/Angle Bisectors | SS4 | Develop and apply formula for volume of right prisms and cylinders |
| SS2 | Area of Triangles, Parallelograms, Circles |
| Chapter 8 | SS4 | Points on a Cartesian plane | 3 weeks | May 20 | Chapter 7Chapter 8 | SP1 | Critique data presentations | 3 weeks | May 20 |
| SS5 | Transformations (translations, reflections, rotations) | SS6 | Understand Tesselations |
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