## CPS Mathematics Department SY 20-21 Grade 6 Scope and Sequence

In grade 6, instructional time should focus on five critical areas:
(1) connecting ratio and rate to whole number multiplication and division, and using concepts of ratio and rate to solve problems;
(2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers;
(3) writing, interpreting, and using expressions and equations;
(4) developing understanding of statistical thinking; and
(5) reasoning about geometric shapes and their measurements.

| Unit IM Link | Title <br> *Prioritized Grade Level Units | Number of Weeks | Dates | Standards <br> (Prioritized Standards are Bolded) |
| :---: | :---: | :---: | :---: | :---: |
| Unit o | Grade 6 <br> Introduction | 2-3 weeks | Sept 16- <br> Sept 30 | Community Building, Norms, and Developing Math Identity |
| Unit 1 | GRADE 6 <br> Area and Surface Area | 4-5 weeks | Oct 1- <br> Oct 30 | 6.G.A. 1 6.EE.A <br> 6.G.A. 2 6.EE.A. 1 <br> 6.G.A. 4 6.EE.A.2a <br>  6.EE.A.2c |
| Unit 2 | GRADE 6 <br> Introducing Ratios | 4-5 weeks | Nov 2 - <br> Dec 11 | 6.RP.A 6.RP.A. 3 <br> 6.RP.A. 1 6.RP.A.3a <br> 6.RP.A. 2 6.RP.A.3b |
| Unit 3 | GRADE 6 Unit Rates and Percentages | 4-5 weeks | Dec 14- <br> Jan 22 | 6.RP.A 6.RP.A.3c <br> 6.RP.A. 2 6.RP.A.3d <br> 6.RP.A. 3 6.G.A <br> 6.RP.A.3b  |
| Unit 4 | GRADE 6 Dividing Fractions | 4-5 weeks | $\begin{array}{\|l} \text { Jan 22- } \\ \text { Mar } 1 \end{array}$ | 6.NS.A. 1 6.G.A. 1 |

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| Unit 5 | GRADE 6 <br> Arithmetic in Base Ten | 2-3 weeks | Mar 2 - <br> Mar 19 |  | $\begin{aligned} & \text { 6.EE.A } \\ & \text { 6.EE.A. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Unit 6 | GRADE 6 <br> Expressions and Equations | 4-5 weeks | Mar 19 Apr 16 | 6.EE.A. 1 <br> 6.EE.A.2a <br> 6.EE.A.2b <br> 6.EE.A. 3 <br> 6.EE.A. 4 <br> 6.EE.B. 5 | 6.EE.B. 6 <br> 6.EE.B. 7 <br> 6.EE.C. 9 <br> 6.RP.A.3b <br> 6.RP.A.3c |
| Unit 7 | GRADE 6 <br> Rational Numbers | 4-5 weeks | Apr 26- <br> May 28 | 6.NS.B. 4 <br> 6.NS.C <br> 6.NS.C. 5 <br> 6.NS.C. 6 <br> 6.NS.C.6a <br> 6.NS.C.6b <br> 6.NS.C.6c <br> 6.NS.C. 7 <br> 6.NS.C.7a | 6.NS.C.7b <br> 6.NS.C.7c <br> 6.NS.C.7d <br> 6.NS.C. 8 <br> 6.EE.B. 5 <br> 6.EE.B. 6 <br> 6.EE.B. 8 <br> 6.EE.A.2b <br> 6.G.A. 4 |
| Unit 8 | GRADE 6 <br> Data Sets and Distributions | 2-3 weeks | June 1 June 29 | $\begin{gathered} \text { 6.SP.A } \\ \text { 6.SP.A.1 } \\ \text { 6.SP.A.2 } \\ \text { 6.SP.A3 } \\ \text { 6.SP.B } \\ \text { 6.SP.B. } \end{gathered}$ | $\begin{aligned} & \text { 6.SP.B.5 } \\ & \text { 6.SP.B.5a } \\ & \text { 6.SP.B.5b } \\ & \text { 6.SP.B.5c } \\ & \text { 6.SP.B.5c } \\ & \text { 6.NS.B.3 } \end{aligned}$ |
| Unit 9 | End of Year Projects and Portfolios | Time permitting |  |  |  |

