## Grade 4 Mathematics Units

2015-2016

Time Frame: 3 Weeks (April 11-29, 2015)

## Standards for Mathematical Practice

(1) Make sense of problems and persevere in solving them.
(2) Reason abstractly and quantitatively.
(3) Construct viable arguments and critique the reasoning of others.
(4) Model with mathematics.
(5) Use appropriate tools strategically.
(6) Attend to precision.
(7) Look for and make use of structure.
(8) Look for and express regularity in repeated reasoning.

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fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions.
4.NF. 2 Compare two fractions with different numerators and different denominators, e.g., by creating common denominators or numerators, or by comparing to a benchmark fraction such as $1 / 2$. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with symbols $>,=$, or $<$, and justify the conclusions, e.g., by using a visual fraction model.

| Lesson 1 | Lesson 2 | Lesson 3 | Performance Task |  |
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| Equivalent fractions with denominators of powers of 10 <br> 4.NF. 5 <br> Sums of 1 <br> Equivalent Fractions with a <br> Denominator of 100 Problems | Decimal notation of fractions 4.NF. 6 <br> Representing Decimals | Comparing decimal numbers <br> 4.NF. 7 <br> Comparing Decimals <br> Decimal Sort | https://www.illustrativ emathematics.org/con tent- <br> standards/4/NF/C/5/ta sks/154 |  |
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