**Instructional Alignment Chart**

*Levels of Instruction*

*Big Idea: Number Systems*

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| *Standard for Grade/Course: 6th*  | *Standard for Grade/Course: 7th*  | *Standard for Grade/Course: 8th*  |
| 6.NS.1 Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem. | 7.NS.2.A – Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as (-1)(-1)=1 and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts. | 8.NS.1 Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually into a rational number. |
|  | *Changes* | *Changes* |  |
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*Implications for instruction and assessment*

**A Study of the Standards**