All lessons in this book align to the following standards.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Common Core State Standards in Math</th>
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| Grade 4     | 4.OA.A Use the four operations with whole numbers to solve problems.  
4.OA.B Gain familiarity with factors and multiples.  
4.NBT.A Generalize place value understanding for multi-digit whole numbers.  
4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.  
4.NF.A Extend understanding of fraction equivalence and ordering.  
4.NF.B Build fractions from unit fractions.  
4.NF.C Understand decimal notation for fractions, and compare decimal fractions.  
4.MD.A Solve problems involving measurement and conversion of measurements. |
| Grade 5     | 5.OA.A Write and interpret numerical expressions.  
5.NBT.A Understand the place value system.  
5.NBT.B Perform operations with multi-digit whole numbers and with decimals to hundredths.  
5.NF.A Use equivalent fractions as a strategy to add and subtract fractions.  
5.NF.B Apply and extend previous understandings of multiplication and division.  
5.MD.A Convert like measurement units within a given measurement system. |
| Grade 6     | 6.RP.A Understand ratio concepts and use ratio reasoning to solve problems.  
6.NS.A Apply and extend previous understandings of multiplication and division to divide fractions by fractions.  
6.NS.B Compute fluently with multi-digit numbers and find common factors and multiples.  
6.NS.C Apply and extend previous understandings of numbers to the system of rational numbers.  
6.EE.A Apply and extend previous understandings of arithmetic to algebraic expressions.  
6.EE.B Reason about and solve one-variable equations and inequalities. |
| Grade 7     | 7.RP.A Analyze proportional relationships and use them to solve real-world and mathematical problems.  
7.NS.A Apply and extend previous understandings of operations with fractions.  
7.EE.A Use properties of operations to generate equivalent expressions.  
7.EE.B Solve real-life and mathematical problems using numerical and algebraic expressions and equations. |

**Key:**  
OA = Operations & Algebraic Thinking; NBT = Number & Operations in Base Ten; NF = Number & Operations--Fractions; MD = Measurement & Data; RP = Ratios & Proportional Relationships; NS = The Number System; EE = Expressions & Equations