### Common Core State Standards Alignment Sheet

**It's Alive!**

<table>
<thead>
<tr>
<th>Grade</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.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.  
              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.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.  
              5.MD.C Geometric measurement: understand concepts of volume. |
| **Grade 6** | 6.RP.A Understand ratio concepts and use ratio reasoning to solve problems.  
              6.G.A Solve real-world and mathematical problems involving area, surface area, and volume.  
              6.NS.B Compute fluently with multi-digit numbers and find common factors and multiples. |
| **Grade 7** | 7.RP.A Analyze proportional relationships and use them to solve real-world and mathematical problems.  
              7.G.B Solve real-life and mathematical problems involving angle measure, area, surface area, and volume. |
| **Grade 8** | 8.G.C Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. |

**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