# Common Core State Standards Alignment Sheet

## Picturing Math

<table>
<thead>
<tr>
<th>Section</th>
<th>Common Core State Standards in Math</th>
</tr>
</thead>
</table>
| **Section 1: Numbers and Operations** | 2.OA.A Represent and solve problems involving addition and subtraction.  
2.OA.B Add and subtract within 20.  
2.OA.C Work with equal groups of objects to gain foundations for multiplication.  
2.MD.B Relate addition and subtraction to length.  
2.MD.C Work with time and money.  
2.MD.D Represent and interpret data.  
3.OA.A Represent and solve problems involving multiplication and division.  
3.MD.C Geometric measurement: understand concepts of area and relate area to multiplication and to addition.  
4.MD.A Solve problems involving measurement and conversion of measurements. |
| **Section 2: Algebra** | 2.OA.A Represent and solve problems involving addition and subtraction.  
2.OA.B Add and subtract within 20.  
2.NBT.A Understand place value.  
2.NBT.B Use place value understanding and properties of operations to add and subtract.  
2.MD.C Work with time and money.  
3.OA.A Represent and solve problems involving multiplication and division.  
3.OA.B Understand properties of multiplication and the relationship between multiplication and division.  
3.OA.C Multiply and divide within 100.  
3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic.  
4.OA.C Generate and analyze patterns.  
4.MD.A Solve problems involving measurement and conversion of measurements. |
| **Section 3: Geometry** | 2.G.A Reason with shapes and their attributes.  
3.MD.D Geometric measurement: recognize perimeter.  
4.G.A Draw and identify lines and angles, and classify shapes by properties of their lines and angles.  
5.G.A Graph points on the coordinate plane to solve real-world and mathematical problems. |
| **Section 4: Measurement** | 1.MD.A Measure lengths indirectly and by iterating length units.  
2.MD.A Measure and estimate lengths in standard units.  
3.MD.A Solve problems involving measurement and estimation.  
3.MD.C Geometric measurement: understand concepts of area and relate area to multiplication and to addition.  
3.MD.D Geometric measurement: recognize perimeter.  
4.MD.A Solve problems involving measurement and conversion of measurements. |
| **Section 5: Data Analysis and Probability** | 2.MD.D Represent and interpret data.  
3.MD.B Represent and interpret data.  
7.SP.A Use random sampling to draw inferences about a population.  
7.SP.C Investigate chance processes and develop, use, and evaluate probability models. |

**Key - Mathematics**

OA = Operations & Algebraic Thinking; NBT = Number & Operations in Base Ten; MD = Measurement & Data; G = Geometry; SP = Statistics & Probability