# Common Core State Standards Alignment Sheet

## Polygons Galore!

<table>
<thead>
<tr>
<th>Grade</th>
<th>Common Core State Standards in Math</th>
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| Grade 3| 3.OA.C Multiply and divide within 100.  
3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic.  
3.MD.C Geometric measurement: understand concepts of area and relate area to multiplication and to addition.  
3.MD.D Geometric measurement: recognize perimeter.  
| Grade 4| 4.OA.A Use the four operations with whole numbers to solve problems.  
4.OA.C Generate and analyze patterns.  
4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.  
4.MD.A Solve problems involving measurement and conversion of measurements.  
4.MD.C Geometric measurement: understand concepts of angle and measure angles.  
4.G.A Draw and identify lines and angles, and classify shapes by properties of their lines and angles.                                                                                              |
| Grade 5| 5.OA.A Write and interpret numerical expressions.  
5.OA.B Analyze patterns and relationships.  
5.G.B Classify two-dimensional figures into categories based on their properties.                                                                                                                                                          |
| Grade 6| 6.EE.A Apply and extend previous understandings of arithmetic to algebraic expressions.  
6.G.A Solve real-world and mathematical problems involving area, surface area, and volume.                                                                                                                                                |
| Grade 7| 7.EE.B Solve real-life and mathematical problems using numerical and algebraic expressions and equations.  
7.G.A Draw construct, and describe geometrical figures and describe the relationships between them.  
7.G.B Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.                                                                                                                                     |

**Key - Mathematics**

OA = Operations & Algebraic Thinking; NBT = Number & Operations in Base Ten; MD = Measurement & Data; G = Geometry; EE = Expressions & Equations