

## Common Core State Standards Alignment Sheet Polygons Galore!

Grade	Common Core State Standards in Math
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. 3.G.A Reason with shapes and their attributes.
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