



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 09 COURSE NAME: Geometry with Data
MEASUREMENT TOPIC: Compute 2D & 3D Measurements

4	In addition to Score 3, the student makes in-depth inferences and applications.
3	The student can: <ul style="list-style-type: none">• Model and solve problems using surface area and volume of solids, including composite solids and solids with portions removed.
2	The student can: <ul style="list-style-type: none">• Given the coordinates of the vertices of a polygon, compute its perimeter and area using a variety of methods, including the distance formula and dynamic geometry software, and evaluate the accuracy of the results.• Apply geometric concepts to find missing dimensions to solve surface area or volume problems.
1	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: