



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 09 COURSE NAME: Geometry with Data
MEASUREMENT TOPIC: Define & Explore Properties of Circles

4	In addition to Score 3, the student makes in-depth inferences and applications.
3	The student can: <ul style="list-style-type: none">• Investigate and apply relationships among inscribed angles, radii, and chords such as:<ul style="list-style-type: none">• Central and Inscribed Angles• Central Angles and Intercepted Arc• Central and Circumscribed Angles• Tangent Line and the Radius• Use geometric shapes, their measures, and their properties to model objects and use those models to solve problems.
2	The student can: <ul style="list-style-type: none">• Use coordinates to determine the equation of a circle, algebraically.<ul style="list-style-type: none">• Use Midpoint Formula to find a center of diameter• Use Distance Formula to find length of radius

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With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: