

## Common Core Standards - Resource Page

The resources below have been created to assist teachers' understanding and to aid instruction of this standard.

<b>Domain</b>	<b>Standard:</b> G.C.3 - Construct the inscribed and circumscribed circles of a triangle, and prove properties of angles for a quadrilateral inscribed in a circle.
<b><u>Circles</u></b> <b>Understand and apply theorems about circles</b>	<p><u>Questions to Focus Learning</u></p> <p>How do special segments in triangles relate to circles?</p> <p>Inscribed and circumscribed polygons have special relationships with circles.</p> <p><u>Student Friendly Objectives</u></p> <p><i>Knowledge Targets</i></p> <p>I know that for a quadrilateral inscribed in a circle, opposite angles are supplementary.</p> <p><i>Reasoning Targets</i></p> <p>I can prove that for a quadrilateral inscribed in a circle, opposite angles are supplementary.</p> <p><i>Product Targets</i></p> <p>I can construct the inscribed circle of a triangle. I can construct the circumscribed circle of a triangle.</p>

	<p><u>Vocabulary</u></p> <p>angle bisector circumcenter circumscribe concurrent incenter inscribe inscribed arc inscribed angle inscribed quadrilateral perpendicular bisector</p> <p><u>Teacher Tips</u></p> <p><u>Vertical Progression</u></p>
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The above information and more can be accessed for free on the [Wiki-Teacher](#) website.

Direct link for this standard: [G.C.3](#)