

8th Grade Topic 7: Pythagorean Theorem

Standard	EnVision	Resources
<p><u>KY.8.G.6</u> Explain a proof of the Pythagorean Theorem and its converse. MP.3, MP.7</p>	<p>3 ACT (Go with the Flow) 7.1 7.2</p>	<p>Water Wheel Proof</p> <p>More Pythagorean Theorem Proofs</p> <p>FAL: Discovering the Pythagorean Theorem</p> <p>HS FAL: Proving the Pythagorean Theorem</p>
<p><u>KY.8.G.7</u> Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions. MP.1, MP.2, MP.4</p>	<p>7.1 7.2 7.3</p>	<p>Pythagorean Theorem Practice</p> <p>Geoboard</p> <p>Taco Truck</p> <p>Riddle/Maze/Math Lib</p> <p>FAL: Finding the Shortest Route (A schoolyard problem)</p> <p>Flocabulary</p>
<p><u>KY.8.G.8</u> Apply the Pythagorean Theorem to find the distance between two points in a coordinate system. MP.5, MP.6</p>	<p>7.4</p>	<p>Interactive Exploration</p> <p>Learnzillion Video</p> <p>Practice</p>