



<p>Grades 5-8 (S), 9-12 (S)</p> <p>Duration: 5-10 min</p> <p>Tools: one Logifaces Set / 2-4 students</p> <p>Group work</p> <p>Keywords: Prism</p>	<p>109 - Complement it!</p> <div style="text-align: center;">  <p>MATHS / GAME</p> </div>	<div style="text-align: center;">  <p>LOGIFACES METHODOLOGY Erasmus+</p> <p>TEACHER Logifaces</p> <p>2019-1-HU01-KA201-0612722019-1</p> </div>
<p>DESCRIPTION</p> <p>Each group of 2-4 students works with a Logifaces set. One student chooses a piece and the others have to choose a piece that complements it to a prism. The student who finds a proper piece the fastest, can choose the next piece, and the game continues.</p>		
<p>SOLUTIONS / EXAMPLES</p> <p>After playing 5-7 rounds of the game, the proper pairs can be written on the blackboard.</p> <p>Other version: The teacher chooses the first piece, and waits until every student finds a proper complementing piece.</p>		
<p>PRIOR KNOWLEDGE</p> <p>None</p>		
<p>RECOMMENDATIONS / COMMENTS</p> <p>The goal of the game is to warm-up or rest after computing the areas and surfaces of the pieces.</p> <p>Knowing the areas of the top triangles helps being successful in the game. See exercises 406 - Different Triangles and 411 - Area of Triangles.</p> <p>Or in the other way: knowing the complementing pairs in this game helps finding the congruent triangles before computing all the edge lengths separately.</p>		