



<p>Grades 5 - 8</p> <p>Duration: 20 min</p> <p>Tools: one 16 pcs Set / 1 to 4 students</p> <p>Individual / Pair / Group work</p> <p>Keywords: Balance, Equilibrium, Balance scale</p>	<h2>Balancing Blocks</h2>  <h3>PHYSICS</h3>	 <p>LOGIFACES METHODOLOGY Erasmus+</p> <h1>TEACHER</h1> <p>Logifaces</p> <p>2019-1-HU01-KA201-0612722019-1</p>
<p><b>DESCRIPTION</b></p> <p>Take some blocks and a balance scale. Try to create a balance with different blocks on each side. The challenge is to use more than one block on each side. Try to create a formula that correlates the heights of the blocks with their weights.</p>		
<p><b>SOLUTIONS / EXAMPLES</b></p> <p>One method is pairing the blocks in order to create prisms with similar heights. Eg. 113+331 equals 233+112. See the solution of exercise <a href="#">603 - Pairing 16pcs</a> for the possible pairing options of the blocks. For example, blocks 113 and 133 are placed in one pan, and blocks 112 and 233 are placed in the other pan.</p>		
<p><b>PRIOR KNOWLEDGE</b></p> <p>None</p>		
<p><b>RECOMMENDATIONS / COMMENTS</b></p> <p>Exercise <a href="#">603 - Pairing 16pcs</a> is recommended before this exercise.</p>		