

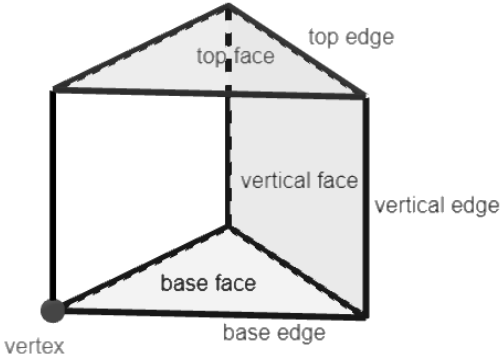


<p>Grades 1-4 (S), 5-8 (S), 9-12 (S)</p> <p>Duration: 20-25 min</p> <p>Tools: one 9 pcs or 16 pcs Set / student</p> <p>Individual work</p> <p>Keywords: Introduction exercise</p>	<p>103 - Discovering Logifaces</p> <p style="text-align: center;">   <b>MATHS / INTRO</b> </p>	<div style="text-align: center;">   <small>LOGIFACES METHODOLOGY</small>  Erasmus+  <b>TEACHER</b>  Logifaces  <small>2019-1-HU01-KA201-0612722019-1</small> </div>						
<p><b>DESCRIPTION</b></p> <p>The Logifaces blocks are used to demonstrate the parts (base, face, edge, vertex, etc.) and properties of prisms.</p> <ol style="list-style-type: none"> <li>Students work in pairs and each pair gets a Logifaces set to experiment with. Students measure and compare the edges and sides of the blocks and notice that there are several types.</li> <li>Depending on the type, students notice that the vertical faces of the blocks differ: they can be rectangles or right-angled trapeziums.</li> <li>Each student chooses a block and draws a picture of it, marking a vertex, the base and top face, a vertical face and the different types of edges.</li> </ol>								
<p><b>SOLUTIONS/EXAMPLES</b></p> <p>Possible discoveries by subject:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;"><b>MATHS</b></td> <td>three heights, number of vertices, faces, edges, equilateral triangle, prism, vertical faces as polygons, etc.</td> </tr> <tr> <td><b>SCIENCE</b></td> <td>material of pieces, density, etc.</td> </tr> <tr> <td><b>ARTS</b></td> <td>form, texture, associations, etc.</td> </tr> </table> <div style="text-align: right; margin-top: 20px;">  </div>			<b>MATHS</b>	three heights, number of vertices, faces, edges, equilateral triangle, prism, vertical faces as polygons, etc.	<b>SCIENCE</b>	material of pieces, density, etc.	<b>ARTS</b>	form, texture, associations, etc.
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<p><b>PRIOR KNOWLEDGE</b></p> <p>None</p>								
<p><b>RECOMMENDATIONS/COMMENTS</b></p> <p>This activity works best when students first work with the set, before they know the rules of the game.</p>								