



<p>Grades 5 - 8</p> <p>Duration: 1 x 45 min</p> <p>Tools: one Logifaces set / person</p> <p>Individual work</p> <p>Keywords: Transformative thinking, Form interpretation, Visual association</p>	<p><b>Geometric forms</b></p>  <p><b>ART / Spatial and temporal relations</b></p>	 <p><b>TEACHER</b> Logifaces</p> <p>2019-1-HU01-KA201-0612722019-1</p>
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**DESCRIPTION**

Students inspect the Logifaces blocks and analyse their shapes. Using the Internet they search for famous paintings that include elements of geometrical solids. They redraw the pictures and replace the original solid shape(s) with Logifaces.

Students have to know the basics of geometry in order to be able to relate to the objects in real life. Some references are the works of M.C. Escher or Luca Pacioli. Students can use techniques like the Sabatier effect.

**GUIDELINES / EXPECTATIONS**

**INSPIRATION** M.C. Escher, Luca Pacioli

**TECHNIQUE** graphic arts techniques

**OBJECTIVE** developing familiarity of the relationship between art and mathematics

**PRIOR KNOWLEDGE**

Students need to know the basics of geometry.

**RECOMMENDATIONS / COMMENTS**

**PREFIGURATION**

Jacopo De Barbari: Luca Pacioli and an Unknown Young Man, 1495, M.C.Escher: Stars, 1948

**STUDENT WORK**      Petro Kuzmjak School, Ruski Krstur & Lauder Javne School, Budapest

