



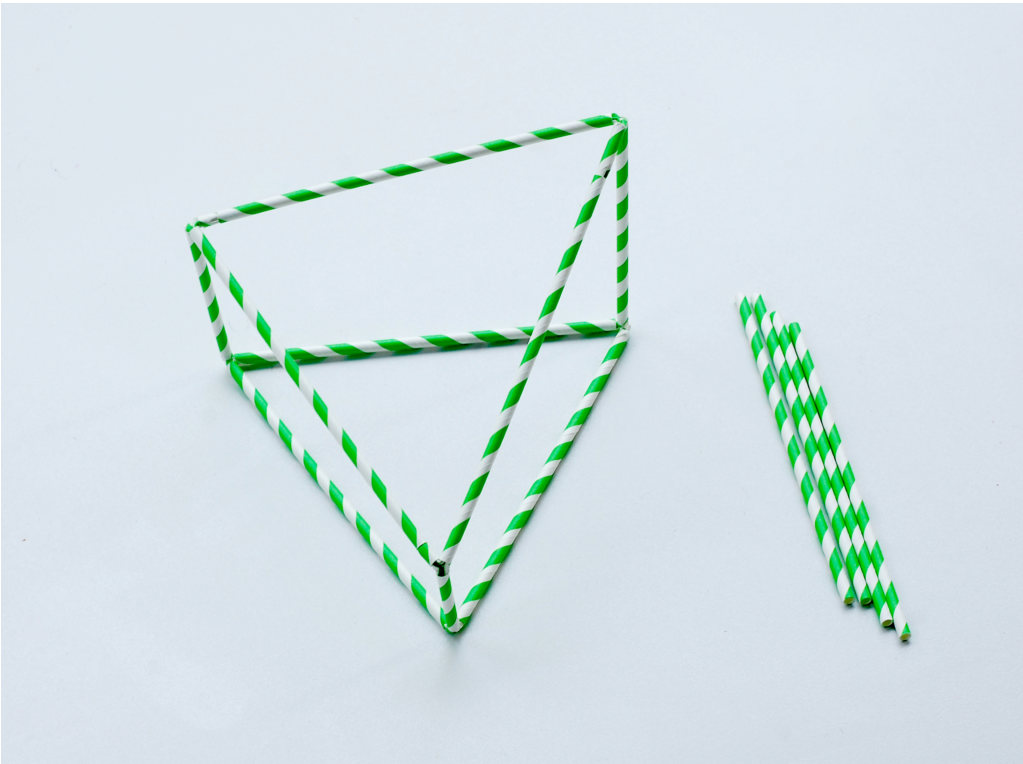
<p>Grades 7-8 (S)</p> <p>Duration: 90 min</p> <p>Tools: one piece / student, straws, scissors</p> <p>Individual work</p> <p>Keywords: Craft, Similarity</p>	<p>506 - Build it from Straws</p> <div style="text-align: center;">  </div> <p>MATHS / TRANSFORMATIONS</p>	<div style="text-align: center;">  <p>LOGIFACES METHODOLOGY Erasmus+</p> <p>TEACHER Logifaces</p> <p>2019-1-HU01-KA201-0612722019-1</p> </div>
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DESCRIPTION

Students' task is to create models of different Logifaces pieces using straws. They can build models that are two or three or other times bigger than the original pieces, but the models have to be similar to the original ones.

SOLUTIONS / EXAMPLES

Students measure the edges of the selected Logifaces piece with the help of a ruler. Next step is to build the faces using straws based on the measured values. Students can also enlarge the measurements and use those values to build their model. To create the models, scissors and tapes are also needed. After students are done making the faces they can connect them together to finish their models. The figure shows a model based on the Logifaces piece 132 with scale factor 4.



PRIOR KNOWLEDGE

Basic geometrical figures in 2D, Properties and application of similarity

RECOMMENDATIONS / COMMENTS