



<p>Name:</p> <p>Date:</p> <p>Tools: one 16 pcs Set / group</p>	<p>621 - Fitting Faces</p>  <p>MATHS / PROBABILITY</p>	 <p>LOGIFACES METHODOLOGY</p> <p>Erasmus+</p> <p>STUDENT Logifaces</p> <p>2019-1-HU01-KA201-0612722019-1</p>
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DESCRIPTION

Students select a block first and choose one other block at random, then consider which block should be selected to get the largest or smallest possible probability for the following questions.

What is the probability that the chosen block

- LEVEL 1 cannot be fit to the first block?
- LEVEL 2 can be fit to the first block by at least one face?
- LEVEL 3 can be fit to two or more faces of the first block?

Fitting the base faces is not permitted, as all base faces are congruent equilateral triangles. Fitting by a face means that the whole face fits together. Students are encouraged to use a strategic and systematic method to avoid unnecessary calculations, for example by distributing the task between the group members.

SOLUTION(S)