



LOGIFACES  
METHODOLOGY

Erasmus+

**STUDENT**  
Logifaces

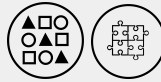
2019-1-HU01-KA201-0612722019-1

Name:

Date:

Tools: 1 block / 1-3 student (block 111, 222 or 333)

## 612 - Colouring Edges 222



**MATHS / COMBINATORICS**

### DESCRIPTION

Students colour the edges of the block 222 (or 111 or 333) with 2 colours (red and blue) and consider the number of possible colourings. (Two colourings are different, if they cannot be moved into each other.)

LEVEL 1      1 red edge or 1 blue edge.

LEVEL 2      2 red edges or 2 blue edges.

LEVEL 3      3 red edges or 3 blue edges.

LEVEL 4      All possibilities.

SOLUTION(S)