

# Geometry and Origami

## Materials

One A3 board, squares and rectangles of paper.

## Brief description

This module explores the geometry and allows students to build their own regular geometric figures with origami.

## Assembly

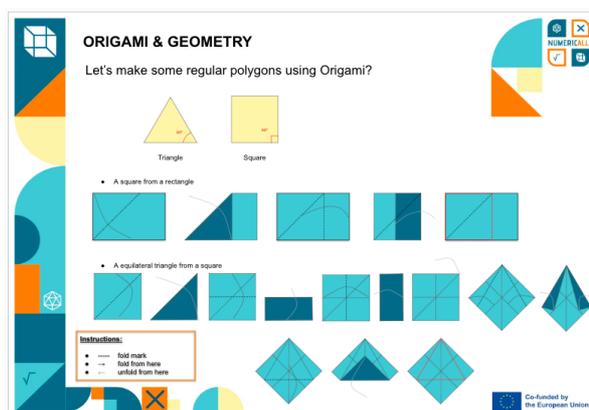
### Design of all the pieces

One A3 size board, squares and rectangles of paper.

### Assembly

One geometric figure, of each type, should be attached to each other with string. So that they are grouped by type (triangles, squares, pentagons, and hexagons) and are easy to manipulate.

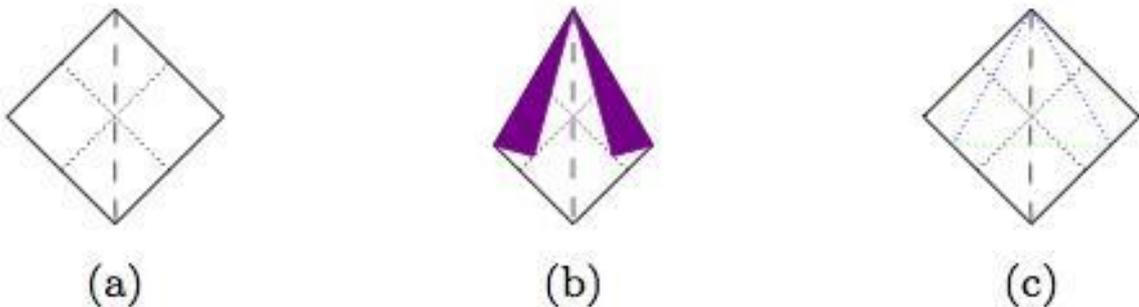
## The Board (DINA3)



## Explanation

The exhibit makes learners work, think and understand geometric concepts such as regular figures, edges, vertex and angles. they will find sheets of paper and origami instructions to build their own regular geometric figures.

In the same way that you can build geometric figures with compasses and rulers, we can also do it with origami.



Pic. 3 (The steps to get the equilateral triangle with origami)

This is hands-on and poses simple challenges to learners.

## Competencies

Geometry  
 Spatial visualization  
 Planning  
 Logic

## Observations

This exhibit also offers to people who like origami the insight that there is a lot of math in origami (something they already like).