


BUILD A GRAND SCALE PICTURE FROM MINIATURE

Name of the object and creator	How to build a grand scale picture from miniature of Julije Klović (ratio, proportions, fractions); Marija Barlek – Teacher of Visual Arts at Lovre pl.Matačića Primary school				
Recommended ages	10-11				
Thematic areas combined (STEAM)	Sciences	Technology	Engineering	Arts	Mathematics
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Materials needed	<ul style="list-style-type: none"> • pencil, eraser • markers • scissors • wide tape • paper clips • 4 plain white papers per group (A3) 				
					

Outline of the steps	<ol style="list-style-type: none">1. Introduce ratios, proportions and fractions as a theme2. Draw $\frac{1}{4}$ piece of the given picture magnified with markers on the plain paper (A3)3. Connect four pieces of the drawing together with a tape
References	Giulio Clovio Croata 1498–1578 the greatest miniaturist of the Renaissance (croatia.org)

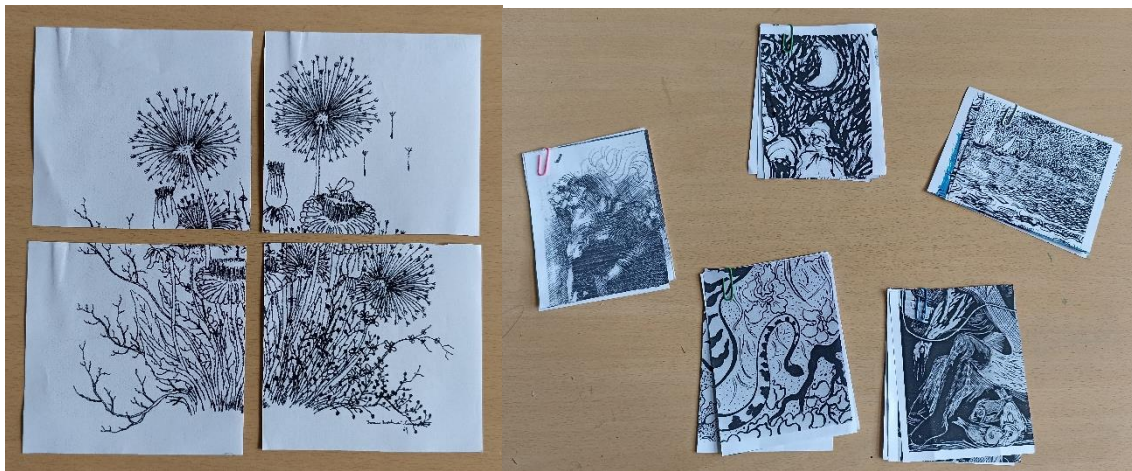
STEP BY STEP: How to build a grand scale picture from miniature

Step 1: Introduce ratios, proportions and fractions

Estimated time: 10 min

Divide students into groups of 4 and give each group one picture divided into 4 pieces connected with a stapler. Each student gets one piece of the picture. Co-relate knowledge of fractions from Mathematics.

$$\frac{1}{4} \times 4 = 1$$



Step 2: Draw your piece magnified with markers

Estimated time: 50 min



Students draw their $\frac{1}{4}$ piece in bigger scale on A3 paper paying attention

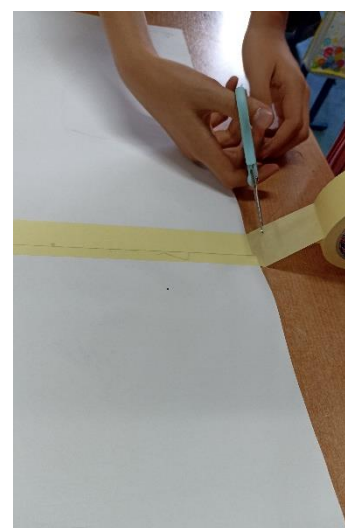
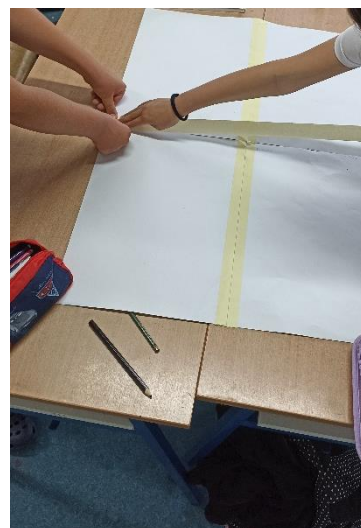
on proportions of the parts, shapes not getting distorted while magnifying and borders that connect with their neighbors. Draw using technique of graphic modelation.



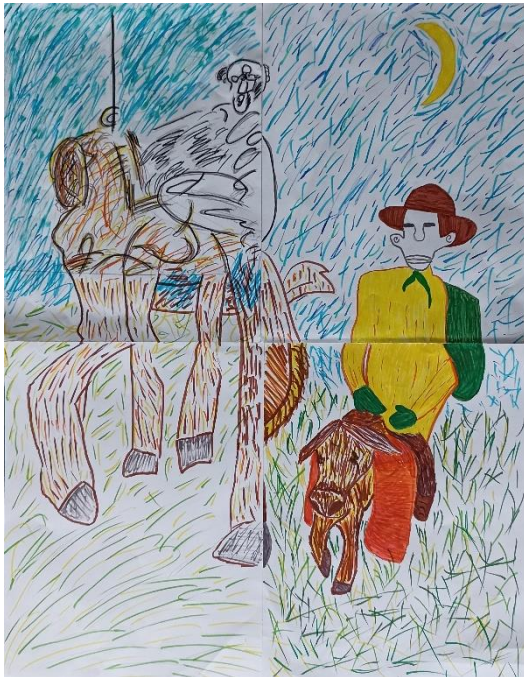
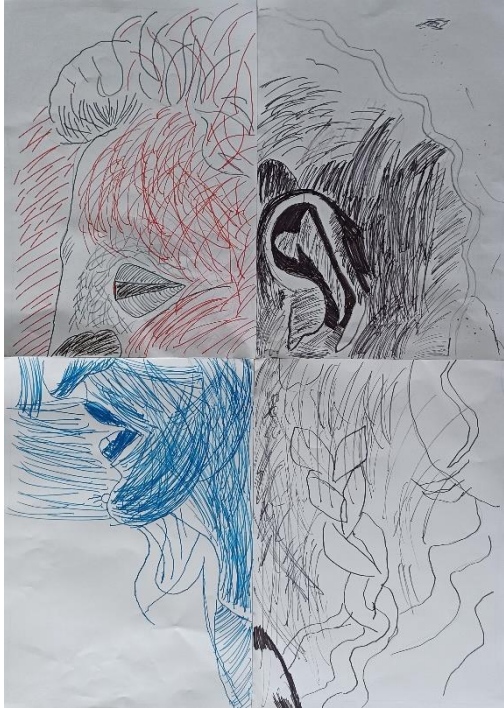
Step 3: Connect the parts together

Estimated time: 10 min

Students arrange the pieces and tape them together on the back side. Be sure not to make gaps.



FINISHED WORKS:







DISCLAIMER

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.



**Co-funded by
the European Union**