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NATIONAL AGENCY
FOR EUROPEAN EDUCATIONAL
PROGRAMMES AND MOBILITY

SUBJECT AREAS:

Technology

ACTIVITY DESCRIPTION:

Students will explore the program and various possibilities that can be used by creating their art.

OBJECTIVES:

- To learn how to use paint 3D program

MATERIALS:

Computers

GRADE/LEVEL:

Upper Elementary School (12-14)

DURATION:

Preparation time: 20 min.

Activity time: 45 min.

PLACE:

Classroom

AUTOR:

Centro per lo Sviluppo Creativo "Danilo Dolci" - Italy

Paint 3D

INTRODUCTION:

Paint 3D is an evolution of the classic Paint that allows you to take a step forward and create compositions in 3D. This free tool is designed to unleash the imagination and trap ideas in a blank canvas in both 2D and 3D.

BACKGROUND:

Paint 3D is free Microsoft tool that can be easily used in classroom and it is very interesting for students. Among the elements included on Paint 3D are brushes, with a wide color palette, 2D and 3D geometric shapes, perfectly editable in position, size and angle. Stickers and textures, text, effects, canvases, a 3D library with all kinds of objects.

Procedure:

Outline: Each student should have a possibility to work individually on computer, or if the number of devices isn't sufficient they can work in pairs.

Instruction:
Teacher can give a topic or let the student decide what they would like to create.
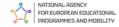Students should open the app Paint 3D on their devices and select 3D Shapes on the toolbar and then open 3D Collection. Of course they can use also 2D shapes and all other elements that app offers. The general objective of this lesson isn't only to create some interesting work but also to learn how this app works.
Students should complete their work by the end of lesson and save it with their name, in that way teacher will be able to evaluate their work and give the feedback.

FUN FACTS:

> *Paint 3D is a three-dimensional painting application developed by Microsoft Corporation. This is available for free on the Windows Store. This is designed for use with Windows 10 operating system, is compatible with both the x86 and x64 architectures. This enables users to create, edit three-dimensional images, as well as add text, effects to them. This also supports creation of three-dimensional Paint 3D download models from two-dimensional images, which can then be exported to other modeling software.*

ASSESSMENT:

Evaluation of students work: how good was the integration of 3D shapes in the work, how many 2D and 3D shapes are integrated. Did student use the only available ones or did they use ones available online?

EVALUATION:

Students can be asked to create for homework (if they have computers at home) or during the next lesson something more advanced as they already became familiar with program, for example they can create one room from their ideal home.

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