

3D PRINT REPORT

SCHOOL	COUNTRY
The National High School of Applied Arts “Trevnenska shkola”	Bulgaria
PROJECT NAME	Mentor
“Tryavna artschool heritage”	Deyan Boev
STUDENT NAMES	DATE
№1 Victoria Tsankova №2 Gabriela Georgieva №3 Ivana Ivanova №4 Maria Nacheva №5 Monika Toteva №6 Nikola Spassov №7 Radostina Ivanova №8 Raya Petrova №9 Raya Rumenova №10 Svetlozara Koleva	05.06.2023

A type of 3D printer	Crealty Ender
Used material	PLA filament
Filament diameter	0.8 mm
3D CAD program	Zbrush
SLICER programs for 3D	CURA

SUBJECT OF MODELING ON THE TOPIC OF TRADITIONAL CRAFT AND CULTURAL HERITAGE

We chose to work with traditional carved from wood reliefs. They are specific for applied arts in Tryavna and Central Bulgaria. The ornaments, compositions and the process of making is at the essence of our teaching programs. The style and all of the visual parts are inspired by traditional Bulgarian iconostasis.

DESCRIBE THE WORK PROCESS

The traditional woodcarving in “Tryavna artschool” is fundamental in our teaching programs. At the beginning there is research about the classical Christian churches in Tryavna. Then, the students made a project by their own after some classical sketches. Next step is with the help of 3D programs like “Zbrush” to make a 3D STL file that is sliced in “CURA”. At the end we print it with “Creality Ender” printer machine.

DESCRIBE ANY DELAYS AND/OR INCIDENTS

There was no delays or incidents during the process of working, because we chose to form a piece that is very close to our teaching system.