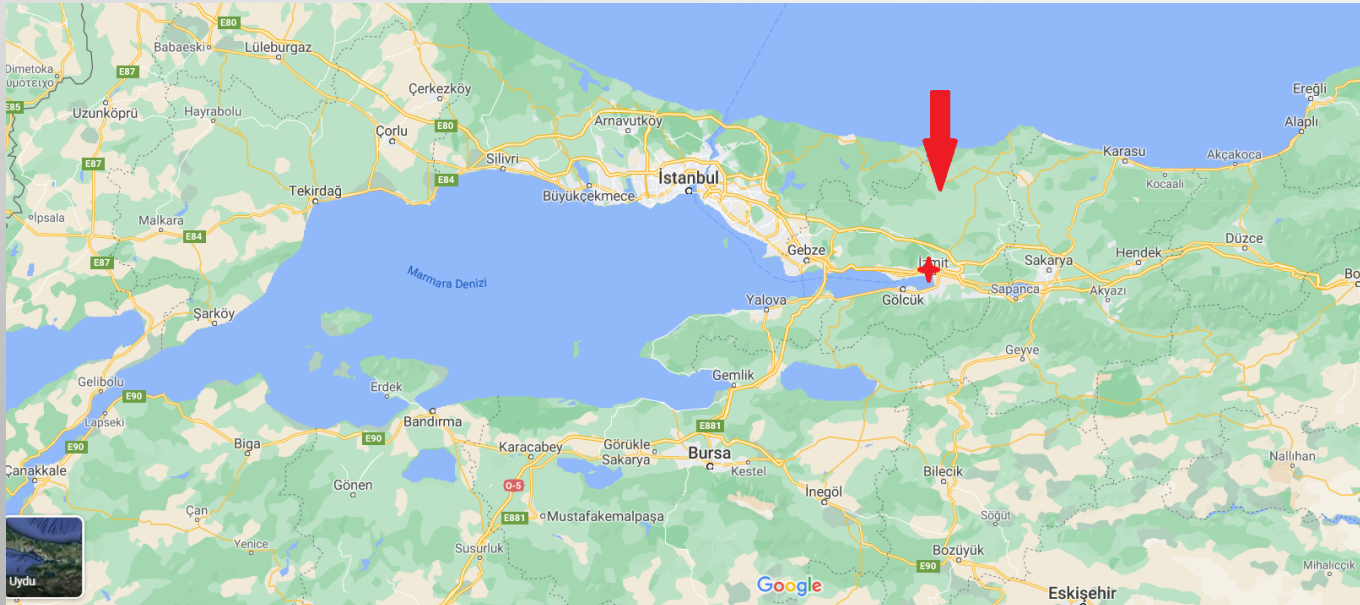
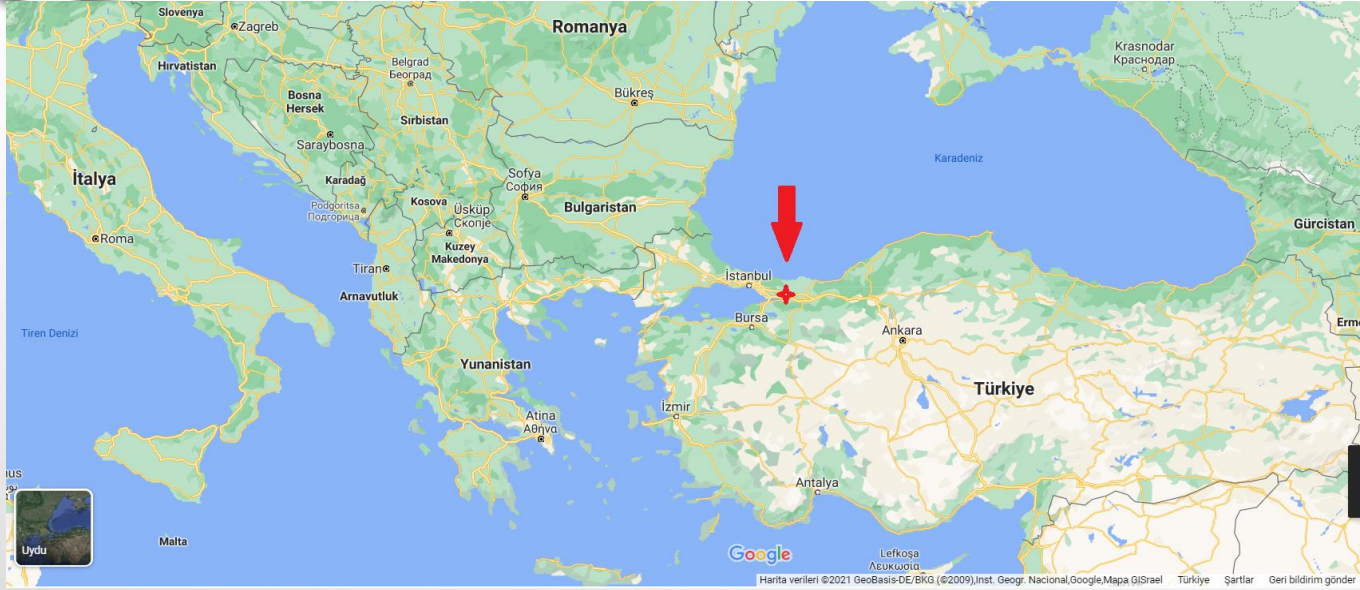


IZMIT/ TURKEY

CLOCK TOWER

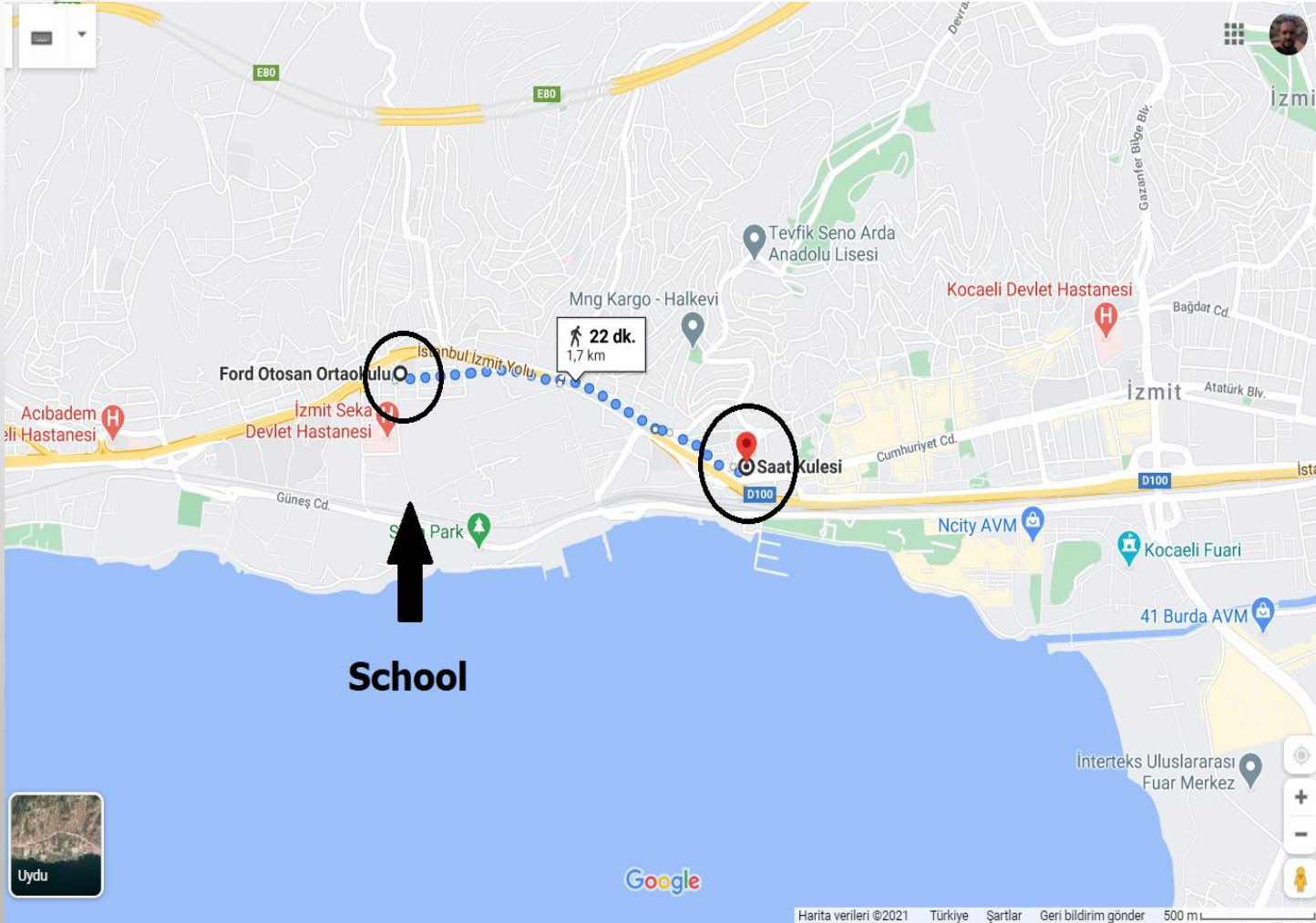


LOCATION



- **İZMİT- KOCAELİ IS LOCATED IN THE NORTH WESTERN OF TURKEY AND 90 KM EAST OF ISTANBUL, A WORLD-FAMOUS CITY.**

LOCATION



- **THERE IS 1,7 KM BETWEEN OUR SCHOOL AND İZMIT CLOCK TOWER, WHICH IS THE SYMBOL OF OUR CITY AND IT IS 20 MINUTES WALKING DISTANCE.**

HISTORY



- **TO COMMEMORATE THE 25TH ANNIVERSARY OF THE OTTOMAN SULTAN ABDULHAMID II'S ACCESSION TO THE THRONE , THE CLOCK TOWER WAS BUILT BY THE IZMIT MUNICIPALITY TO ARCHITECT MIHRAN AZARYAN. ITS CONSTRUCTION TOOK TWO YEARS AND IT WAS COMPLETED ON THE 1ST OF SEPTEMBER, 1902.**

HISTORY

- **THE CLOCK TOWER, LOCATED IN THE PARK NEXT TO THE HUNTING LODGE (PALACE MUSEUM), WAS OPENED IN JUNE, 2011 AFTER MANY REPAIRS AND ADDITIONS AND REACHED ITS PRESENT APPEARANCE.**



STRUCTURAL FEATURES



- **ISLAMIC DETAILS WERE ALSO USED IN İZMIT CLOCK TOWER, WHICH IS A STRUCTURE IN THE STYLE OF NEOCLASSICAL OTTOMAN ARCHITECTURE. THE TOWER CONSISTS OF TWO SQUARE PRISM SHAPED PARTS, A SINGLE-STOREY BASED PART AND A THREE-STOREY BODY PART.**

STRUCTURAL FEATURES



- **THERE IS A MARBLE FOUNTAIN ON THREE SIDES OF THE BASE SECTION. THERE IS A VIEWING BALCONY ON THE SECOND FLOOR AND WINDOWS ON THE HULL. THERE IS A CLOCK ON EACH OF THE FOUR FACADES OF THE FOURTH FLOOR OF THE TOWER, WHICH HAS DIFFERENT DECORATIONS ON EACH FLOOR. THE ROOF OF THE BUILDING IS IN THE FORM OF PYRAMIDAL CONE.**

STRUCTURAL FEATURES



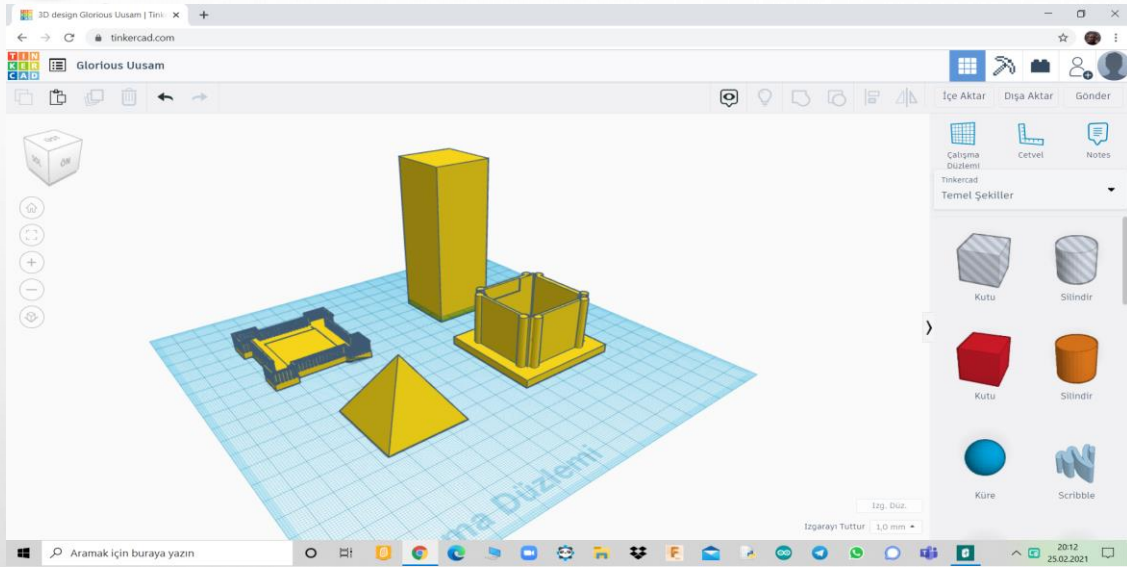
- **THE SIDES OF THE TOWER ARE IN THE FORM OF A SQUARE PRISM WITH BEVELED EDGES. ITS BODY RISES ON A 3.65 X 3.65 SQUARE PRISM . THE HEIGHT OF THE TOWER IS 16.4 METERS. IT IS DIVIDED INTO FOUR FLOORS, EACH WITH DIFFERENT ARCHITECTURAL PRACTISES AND DECORATIONS. THERE ARE TWO COLUMNS ON EACH CORNER OF THE PEDESTAL PART. THERE IS A PUBLIC FOUNTAIN ON THREE SIDES AND AN ENTRANCE DOOR ON ONE SIDE. IN THE UPPER PART OF THE COLUMNS WITH RHOMBIC SLICED CAPITALS, THERE ARE EIGHT-SEGMENTED, NESTED PANELS.**

STRUCTURAL FEATURES

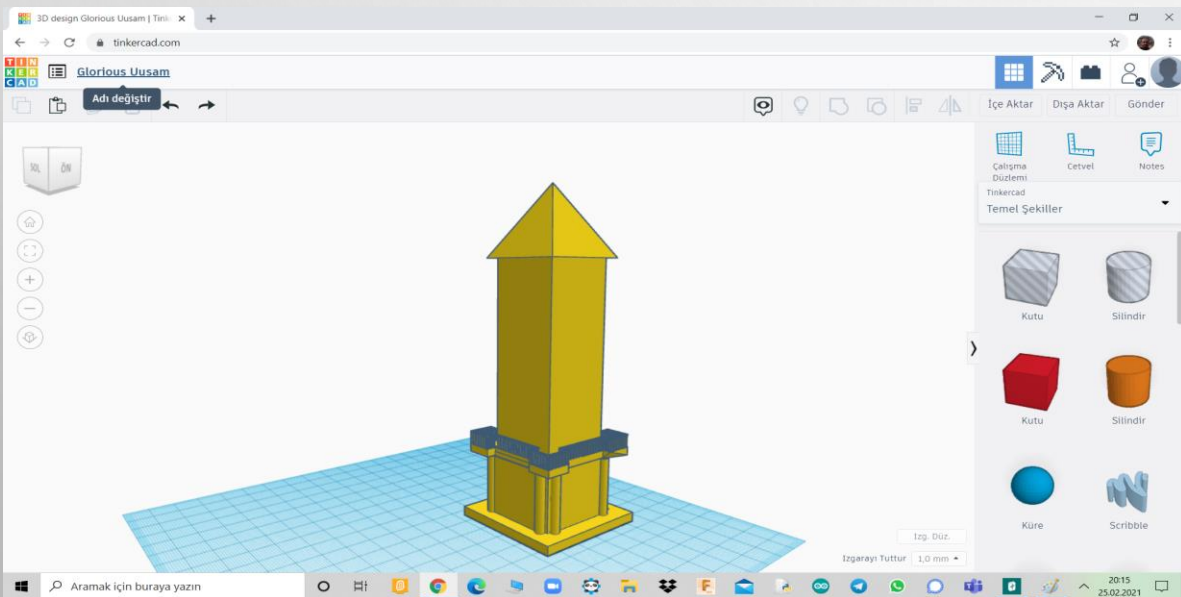




MODEL WORK

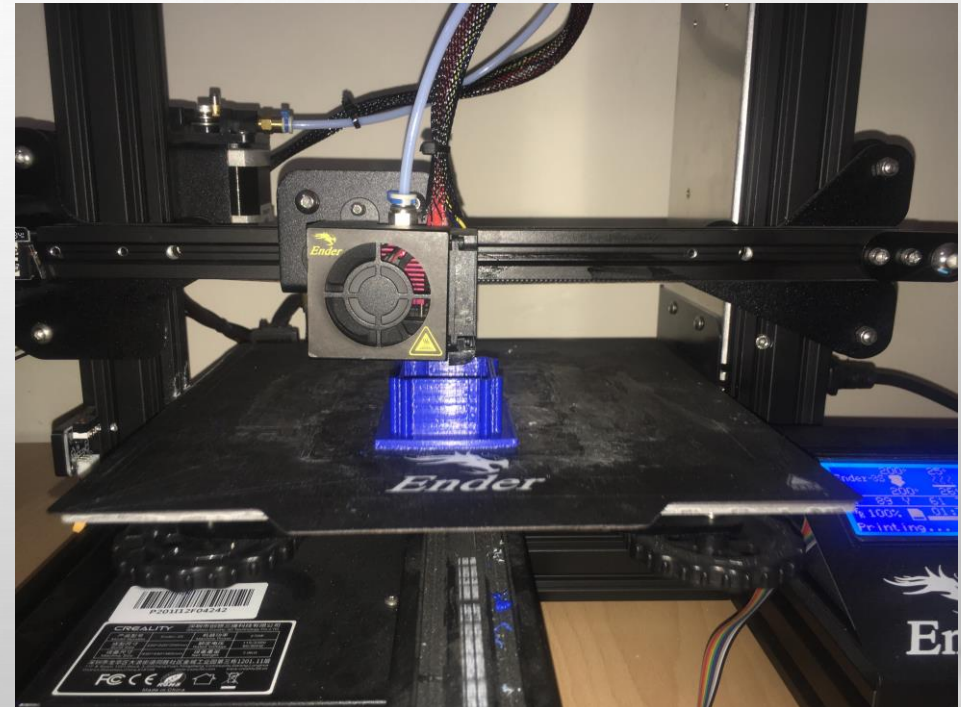
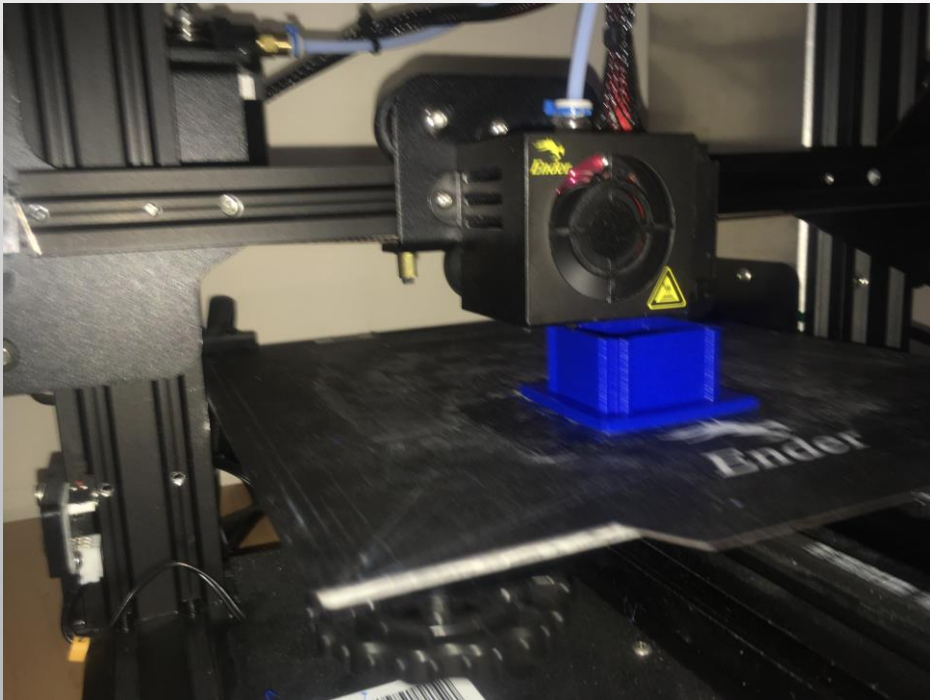


- WE PREPARED THE PARTS OF THE CLOCK TOWER WITH THE 'TINKERCAD' PROGRAM. AND THEN WE COMBINED THEM ALL TOGETHER.

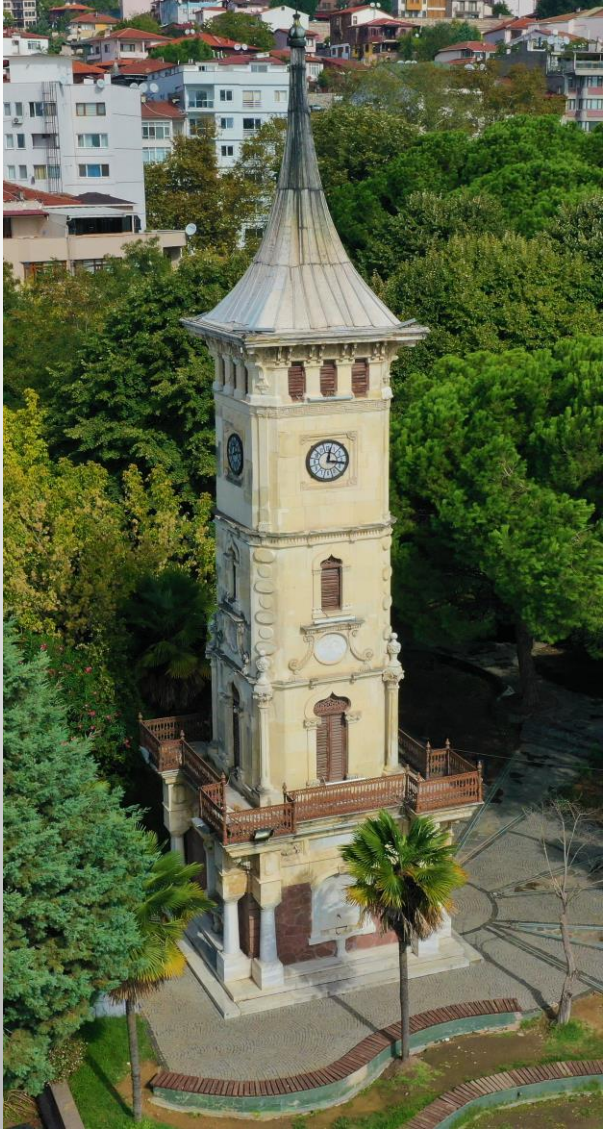


MODEL WORK

- WE COVERT OUR DESINGS TO '.STL' FORMAT AND PRINT THEM IN 3D PRINTER.



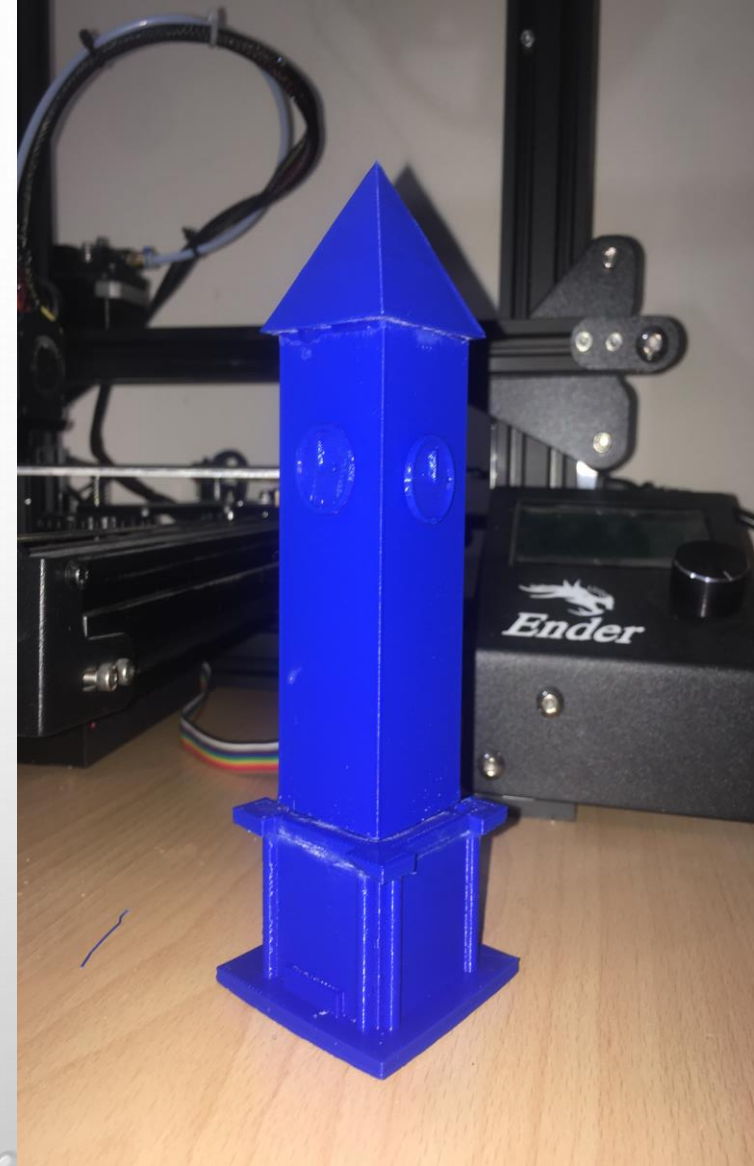
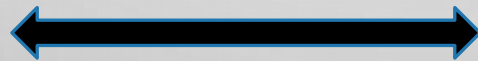
MODEL WORK



- WE ASSEMBLE THE PRINTED PARTS.

ENES BOZAN

6/A





HOPE TO MEET YOU UNDER THE CLOCK TOWER

SOON...

THANK YOU VERY MUCH FOR LISTENING TO US 😊

