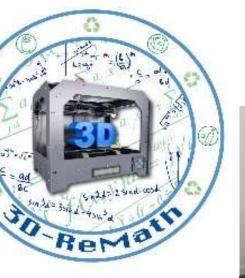


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Project code: 2019-1-EL01-KA201-062914

Erasmus+ Call: 2019 - KA2 -









3D printing technology aims students understanding maths and recycling procedure

Currícula 3: Open Source S/W for Dígítal Fíles "3D Príntíng & Math: Alphabet"

Output 3 (03) - 3D Printing and Maths

Overview (1/2)



In this lesson we learn how to create Alphabet letters in SketchUp Software. We also learn how to find similar 3D models on Thingiverse. Additionally, we import the models into the Slicing Software and present their 3D printing preparation.



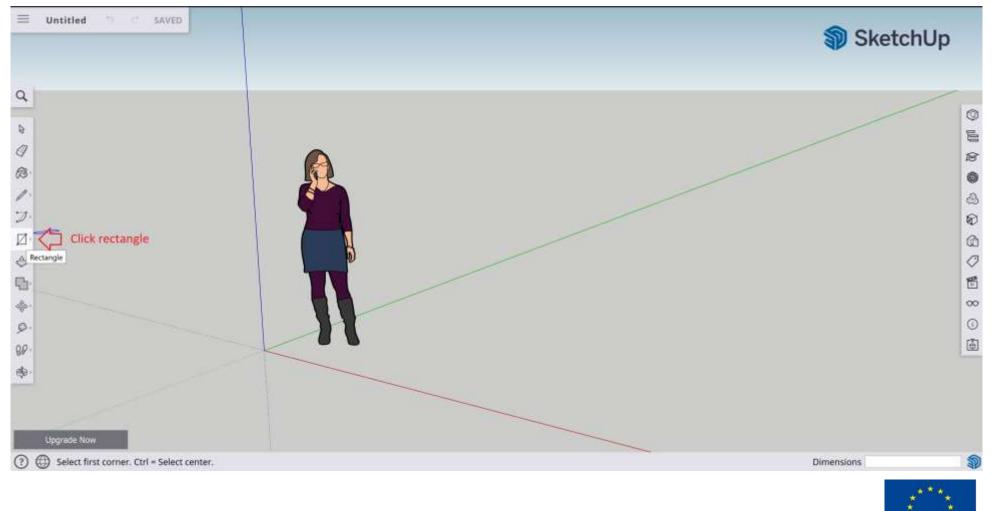
Overview (2/2)

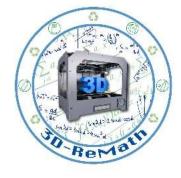


- Designing alphabet letters in SketchUp Software
- Finding alphabet letters in Thingiverse
- Importing alphabet letters in XYZ slicer
- Preparing 3D models for printing



Designing alphabet letters in SketchUp Software (1/13)



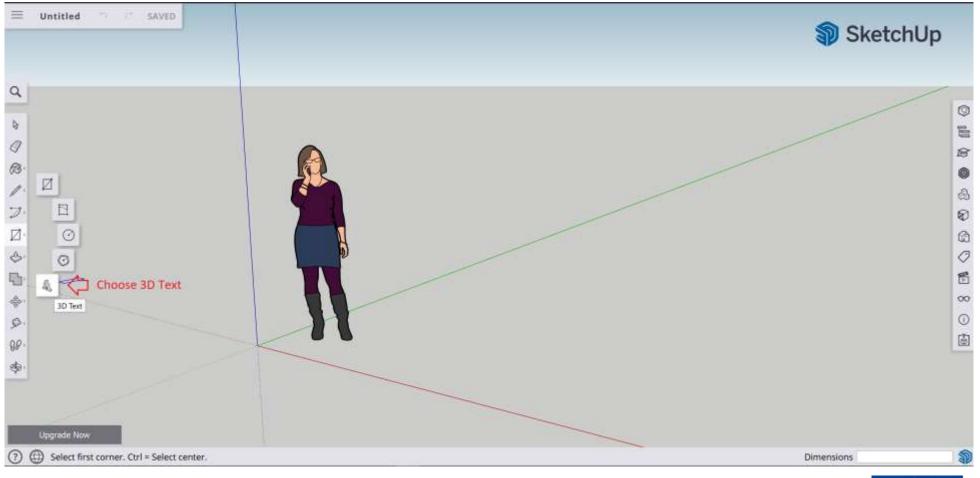


K P A T I K Q N YNOTPODION

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Designing alphabet letters in SketchUp Software (2/13)

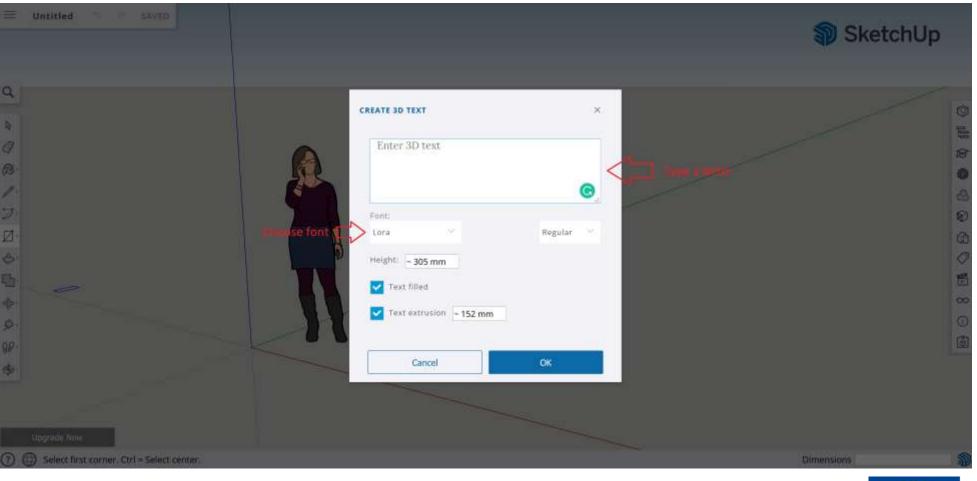




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Designing alphabet letters in SketchUp Software (3/13)

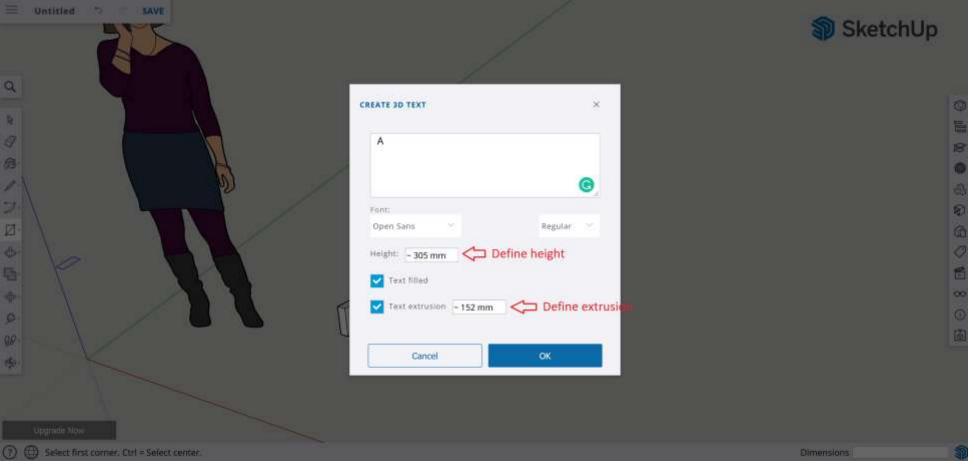




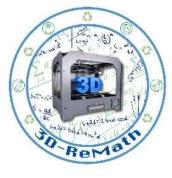
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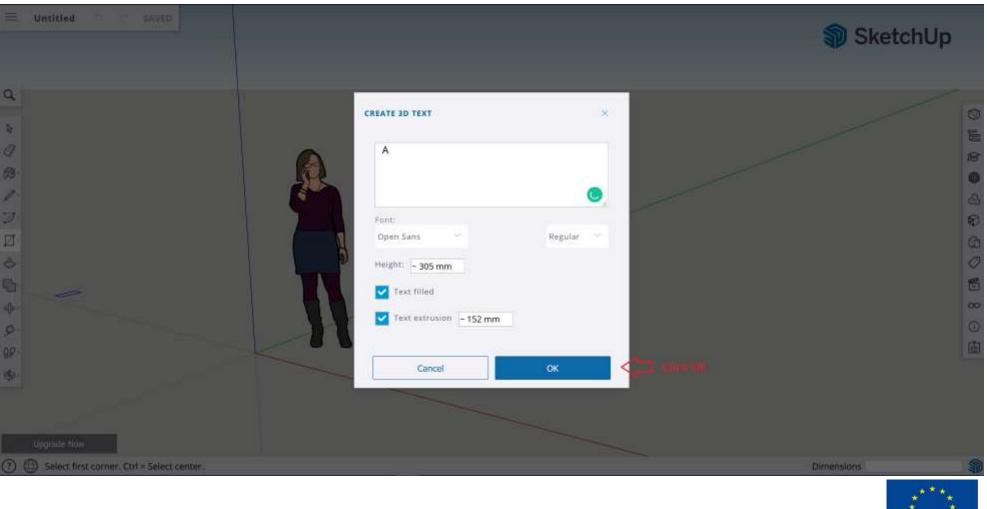
Designing alphabet letters in SketchUp Software (4/13)







Designing alphabet letters in SketchUp Software (5/13)

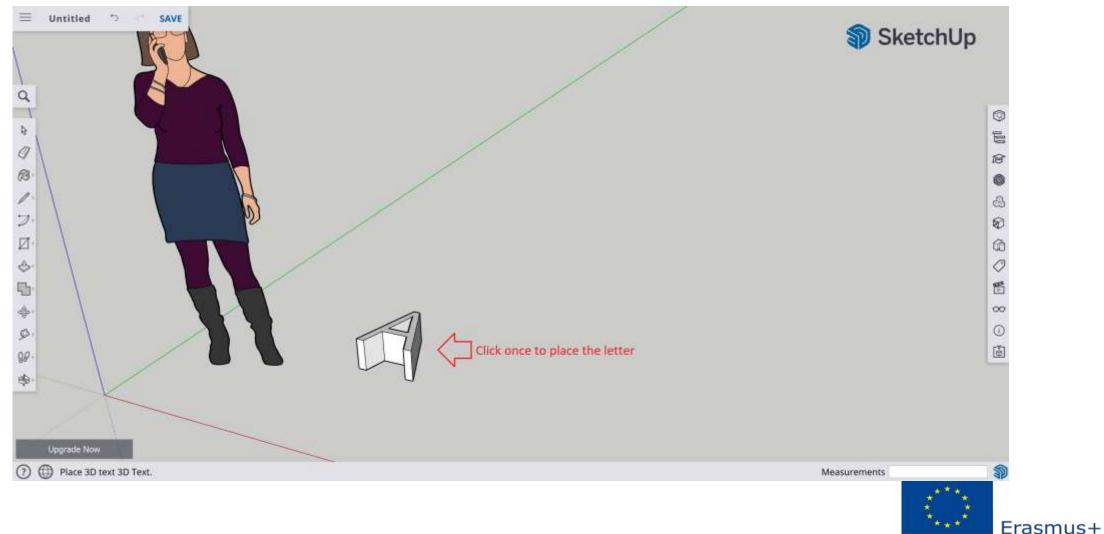




K P A T I K Q N



Designing alphabet letters in SketchUp Software (6/13)

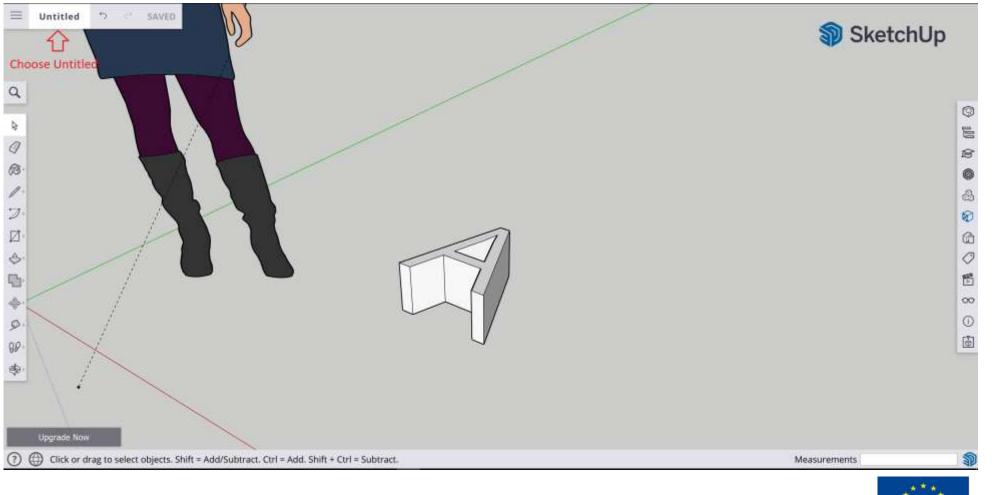


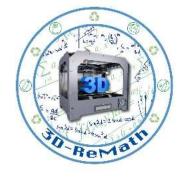


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This project is funded by the European Union

Designing alphabet letters in SketchUp Software (7/13)

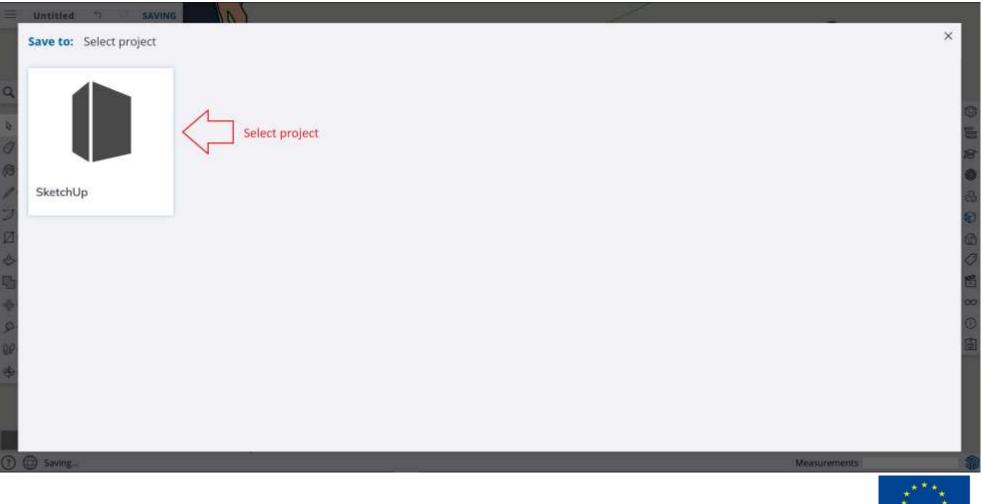








Designing alphabet letters in SketchUp Software (8/13)





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Designing alphabet letters in SketchUp Software (9/13)

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This project is funded by the European Union

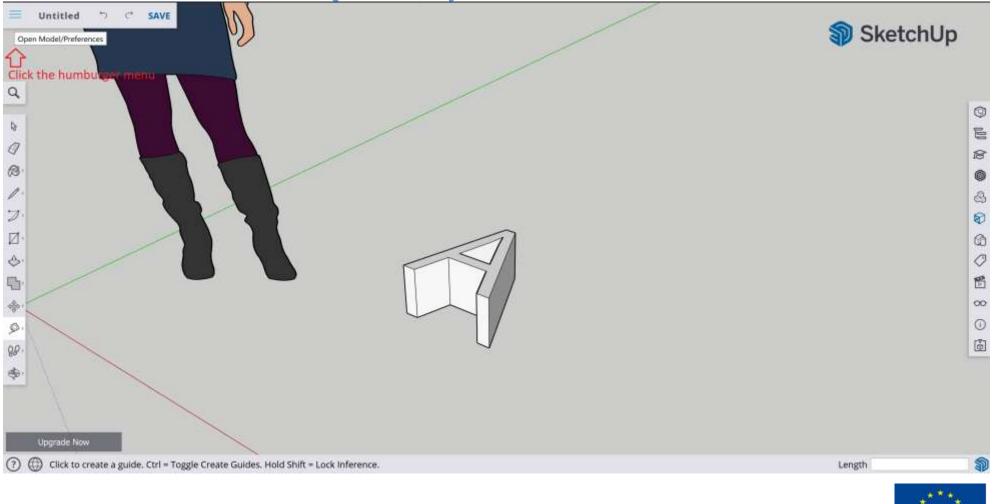
Designing alphabet letters in SketchUp Software (10/13)

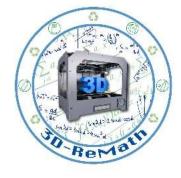
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Designing alphabet letters in SketchUp Software (11/13)

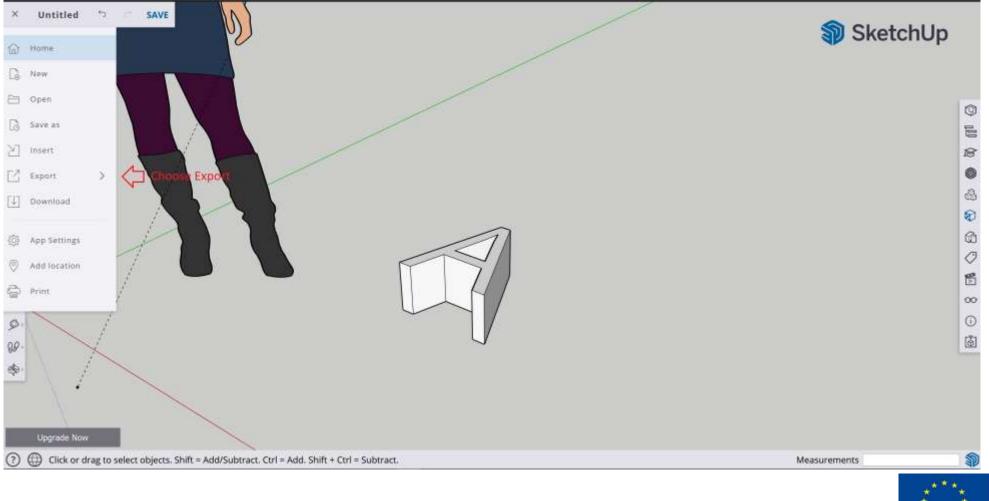




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Designing alphabet letters in SketchUp Software (12/13)

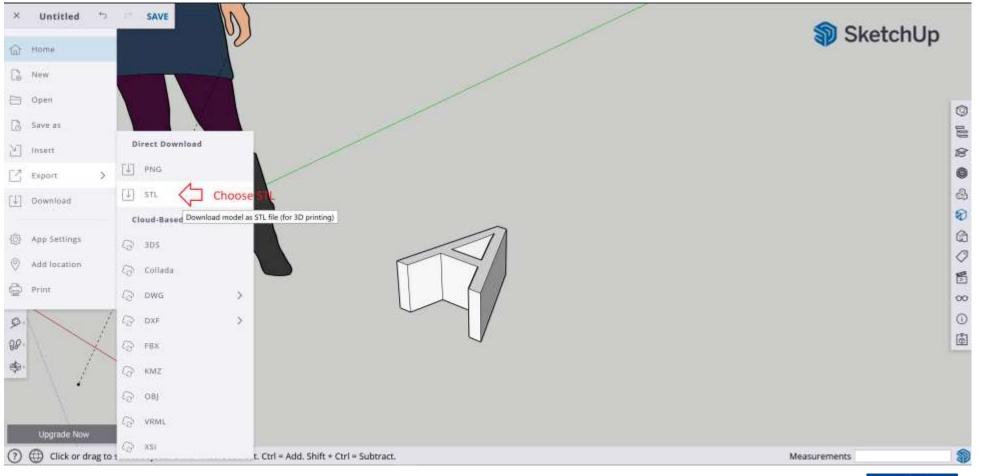








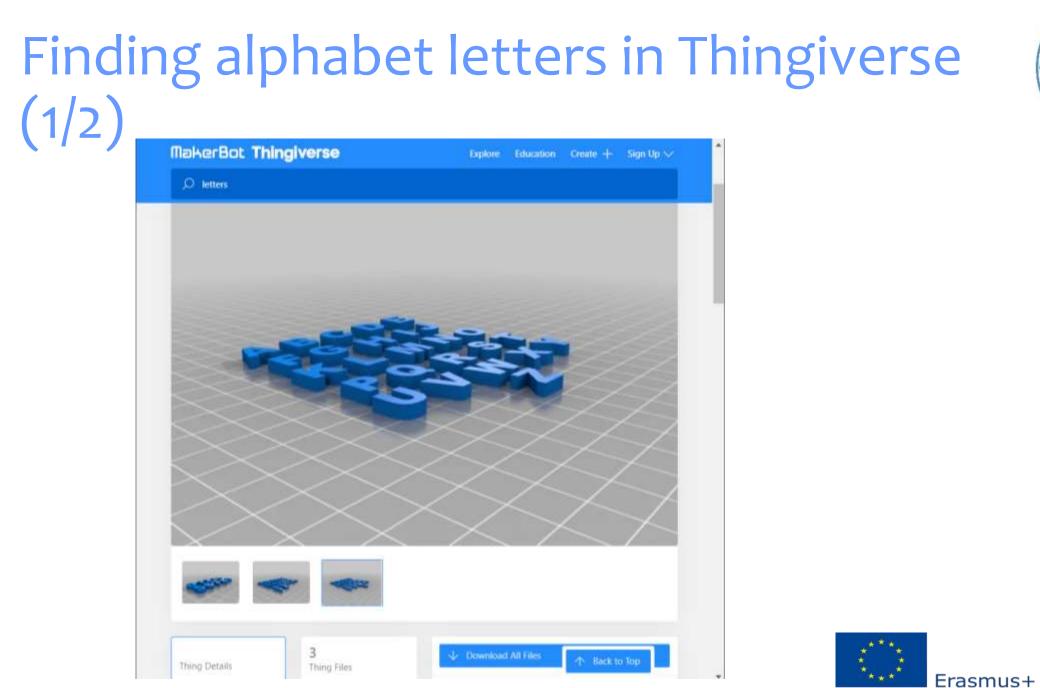
Designing alphabet letters in SketchUp Software (13/13)







K P A T I K D N

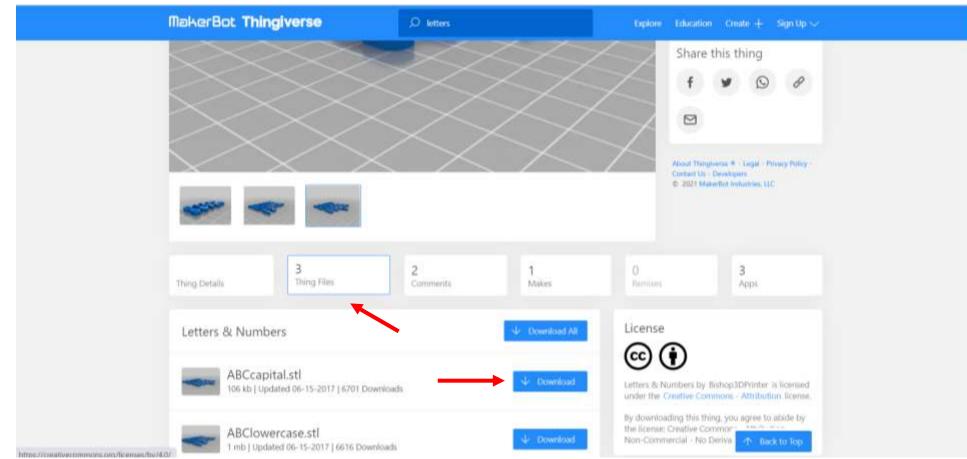




Finding alphabet letters in Thingiverse (2/2)



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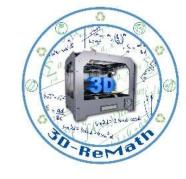


Importing alphabet letters in XYZ slicer (1/3)

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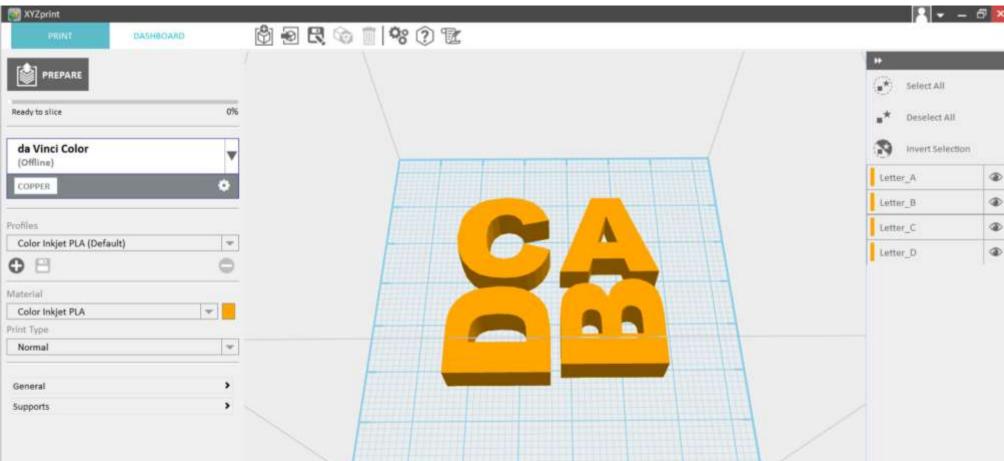
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Importing alphabet letters in XYZ slicer (2/3)

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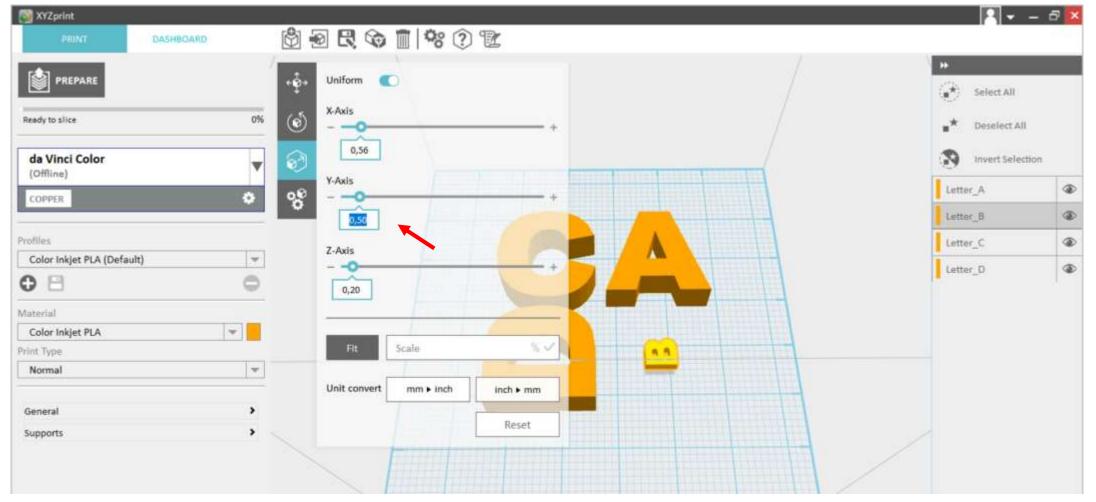
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ΙΚΥ

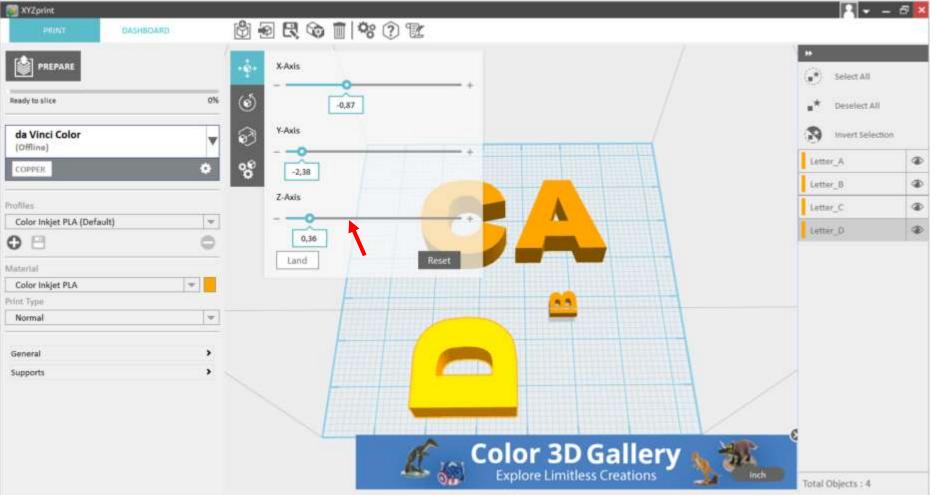
Preparing 3D models for printing (1/6)







Preparing 3D models for printing (2/6)









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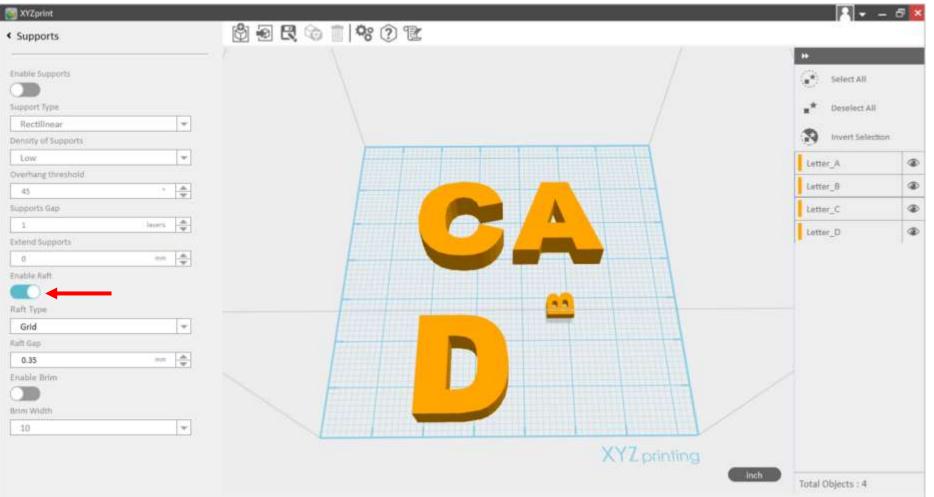
Preparing 3D models for printing (3/6)







Preparing 3D models for printing (5/6)

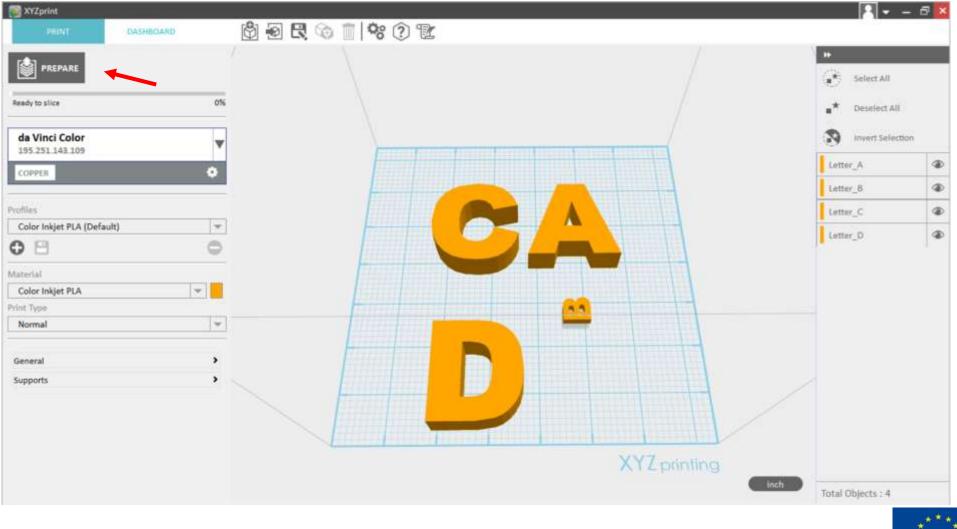








Preparing 3D models for printing (4/6)

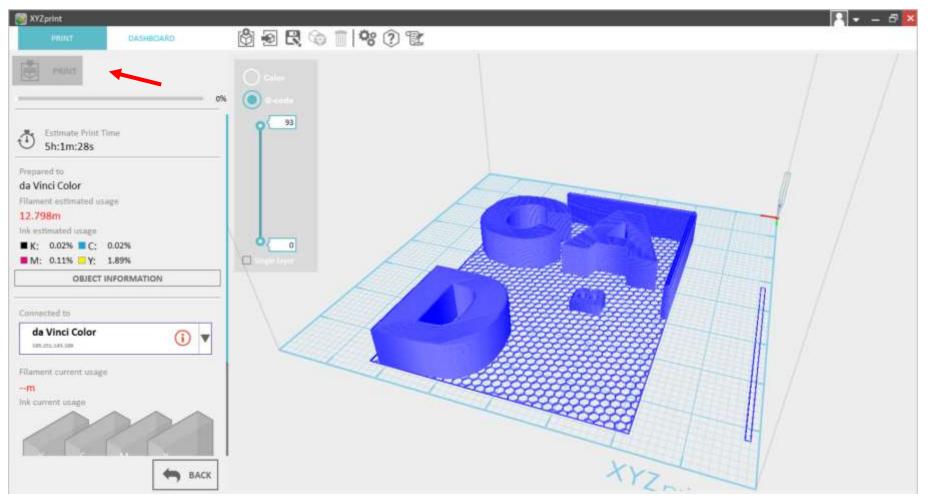








Preparing 3D models for printing (6/6)







Thank you!!

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