CACM Printer Farm Setup



A Student User Guide for 3D Printer OS Slicer

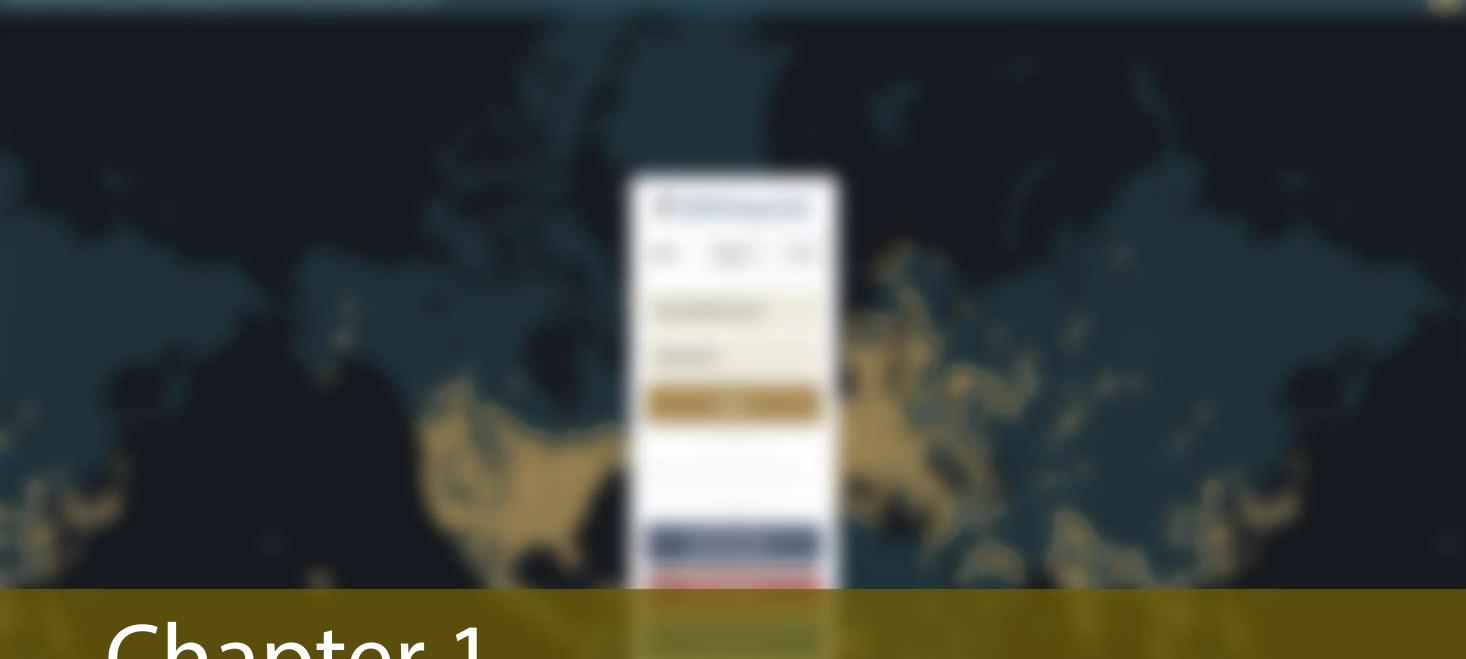
The CACM Digital Fabrication Lab 3D printer farm is accessible to all CACM students. The following guide will provide the steps necessary for accessing 3D Printer OS and it's slicer.

3D Printing Farm Policy

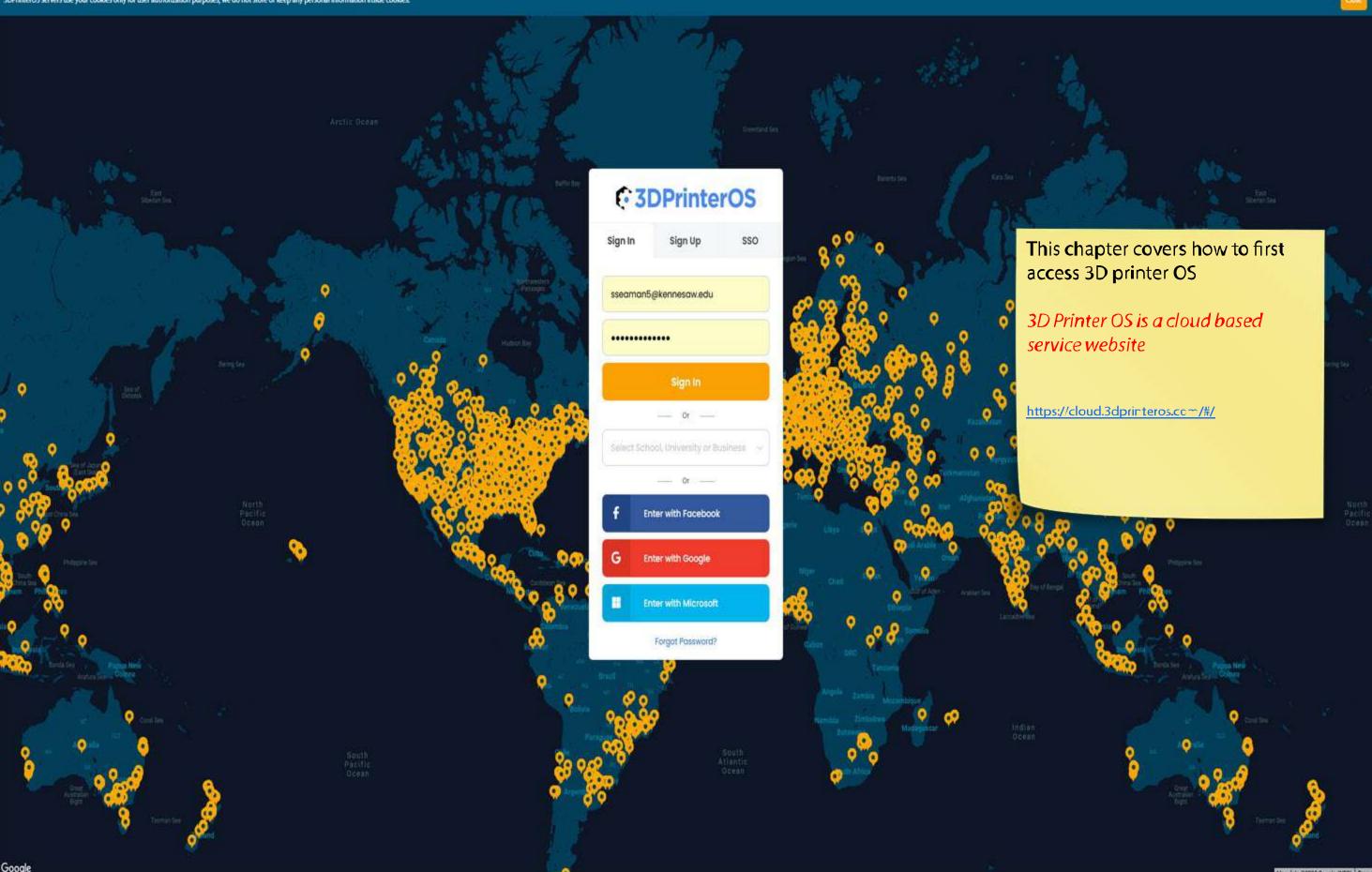
- 1) Allotments are based on academic year. 1st year \$3, 2nd year \$8, 3rd year \$12, 4th year \$15, 5th year \$20
- 2) Prints start on first come, first serve basis within the queue
- 3) Each student may queue up to 1 job at a time
- 4) Only CACM class projects are permitted, no personal printing is available

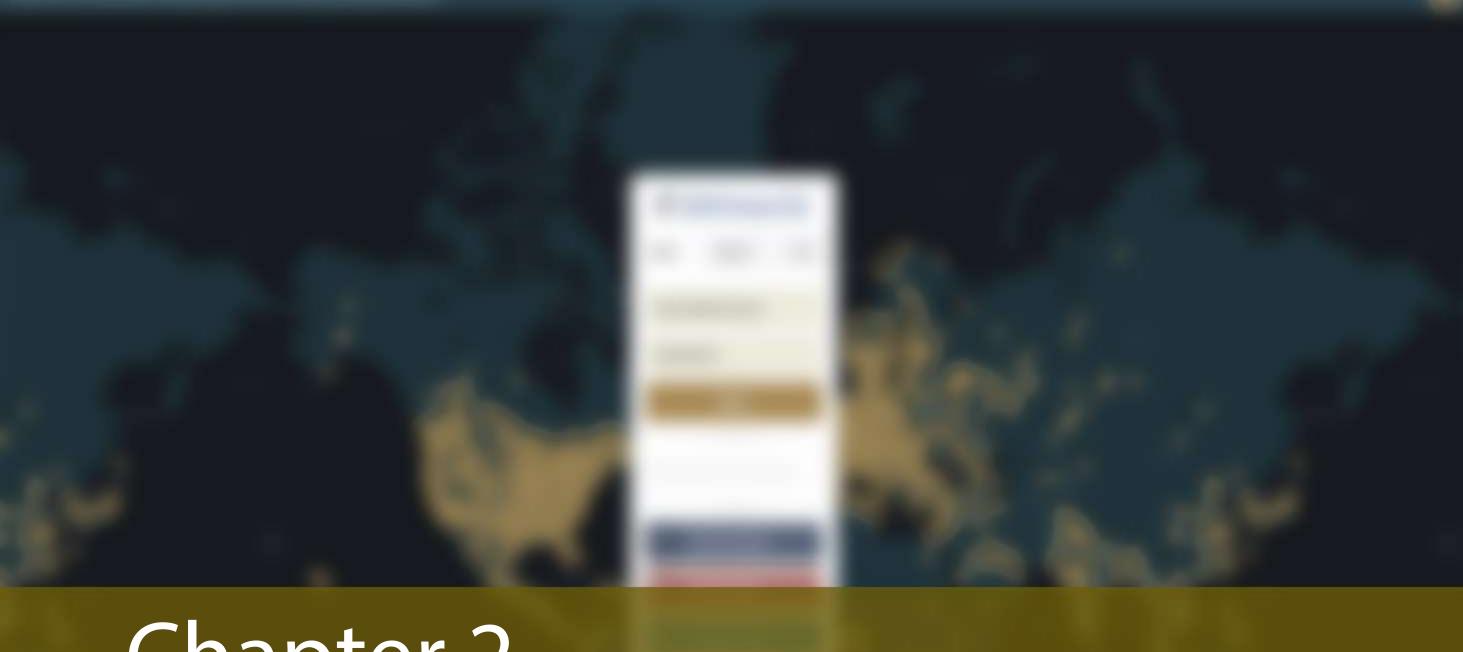
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Chapter 1 Getting Access to 3D Printer OS





Chapter 2 Uploading a file to 3D Printer OS

29:07h

35:02h

24:13h

34:15h

11:18h

14:21h

13:58h

11:39h

11:28h

11:19h

12:02h

01:11h

.00:23h

.00:23h

10.4 MB

13.9 MB

9.5 MB

5.1 MB

4.9 MB

5.4 MB

5.1 MB

5.2 MB

4.9 MB

4.7 MB

20.1 MB

2.6 MB

1.1 MB

1.1 MB

11d ago

11d ago

11d ago

12d ago

13d ago

13d ago

13d ago

13d ago

13d ago

13d ago

15d ago

15d ago

15d ago

15d ago

\$2.16

\$3.28

\$2.23

\$1.15

\$1.05

\$1.09

\$1.08

\$1.06

\$1.03

\$1.04

\$0.90

\$0.77

\$0.18

\$0.18

UMS3_C_ConcreteFinal-resin

goode US3 1 print Be

UMS3_M_3DPrintFinal-raft

UMS3_M_3DPrintFinal-raft 2

UMS3_C_ResinFinal-raft

goode US3 15 prints Br

goode US3 7 prints M4

UMS3_C_ConcreteFinal

UMS3_C_ConcreteFinal

UMS3_C_ConcreteFinal

goode US3 2 prints

goode US3 1 print #4

UMS3_A_WoodFinal

UMS3_M_3DPrintFinal

goodii US3 Tprint III

UMS3_Inside without H

UMS3_top final

goode US3 1 print Be

goode US3 1 print Mi

goode US3: 1 print Be

UMS3_top retraction

UMS3_top.speed flow

goode US3 1 print Bt

goode US3

goode US3 1 print

goode US3 7 prints Br

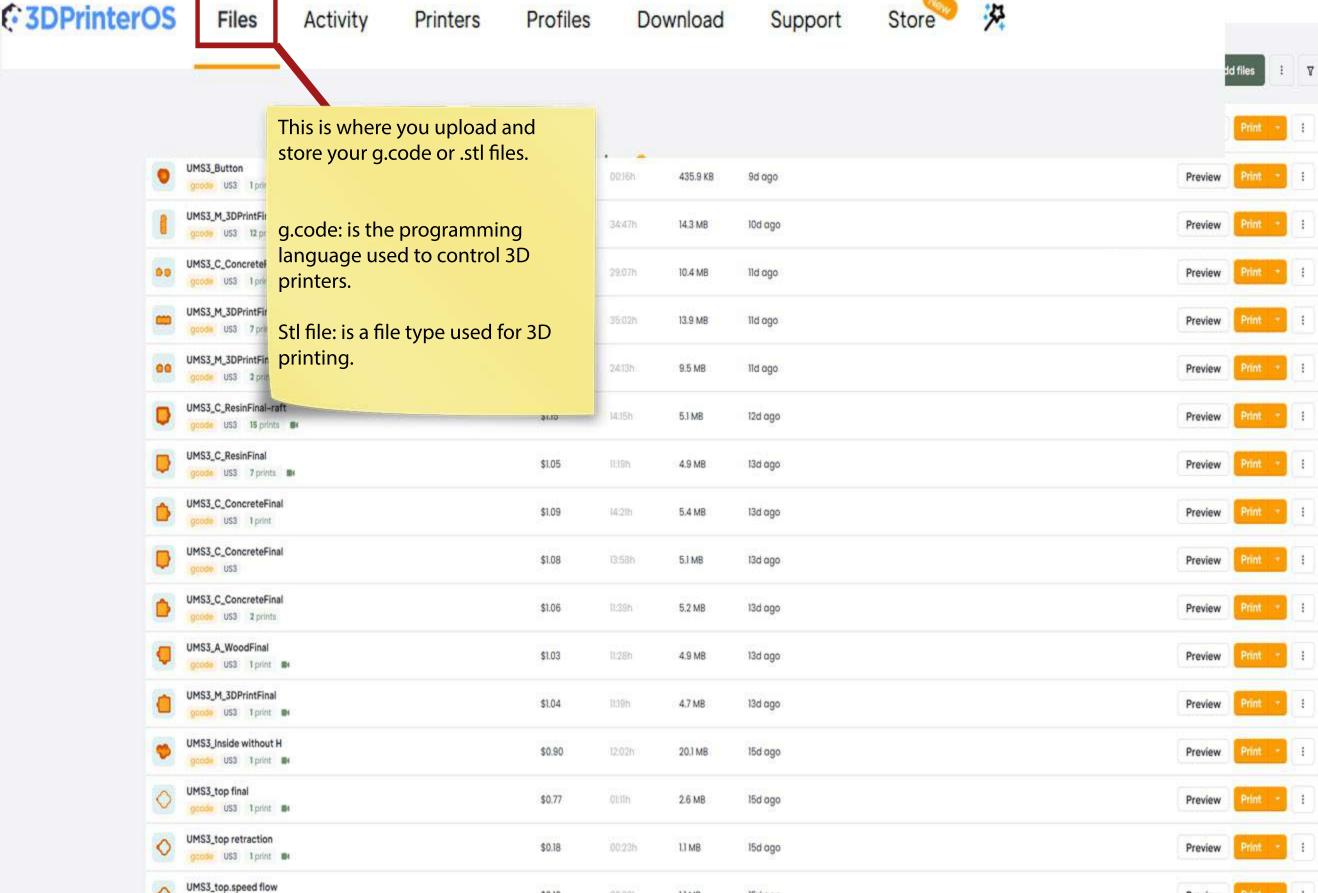
goode US3 2 prints MV

UMS3_C_ResinFinal

When you first log in you will be taken to the files tab. There are only a few tabs you will have to know. Let's go over them. Preview Preview Preview Preview Preview Preview

Preview





\$0.18

goode US3 1 print Be

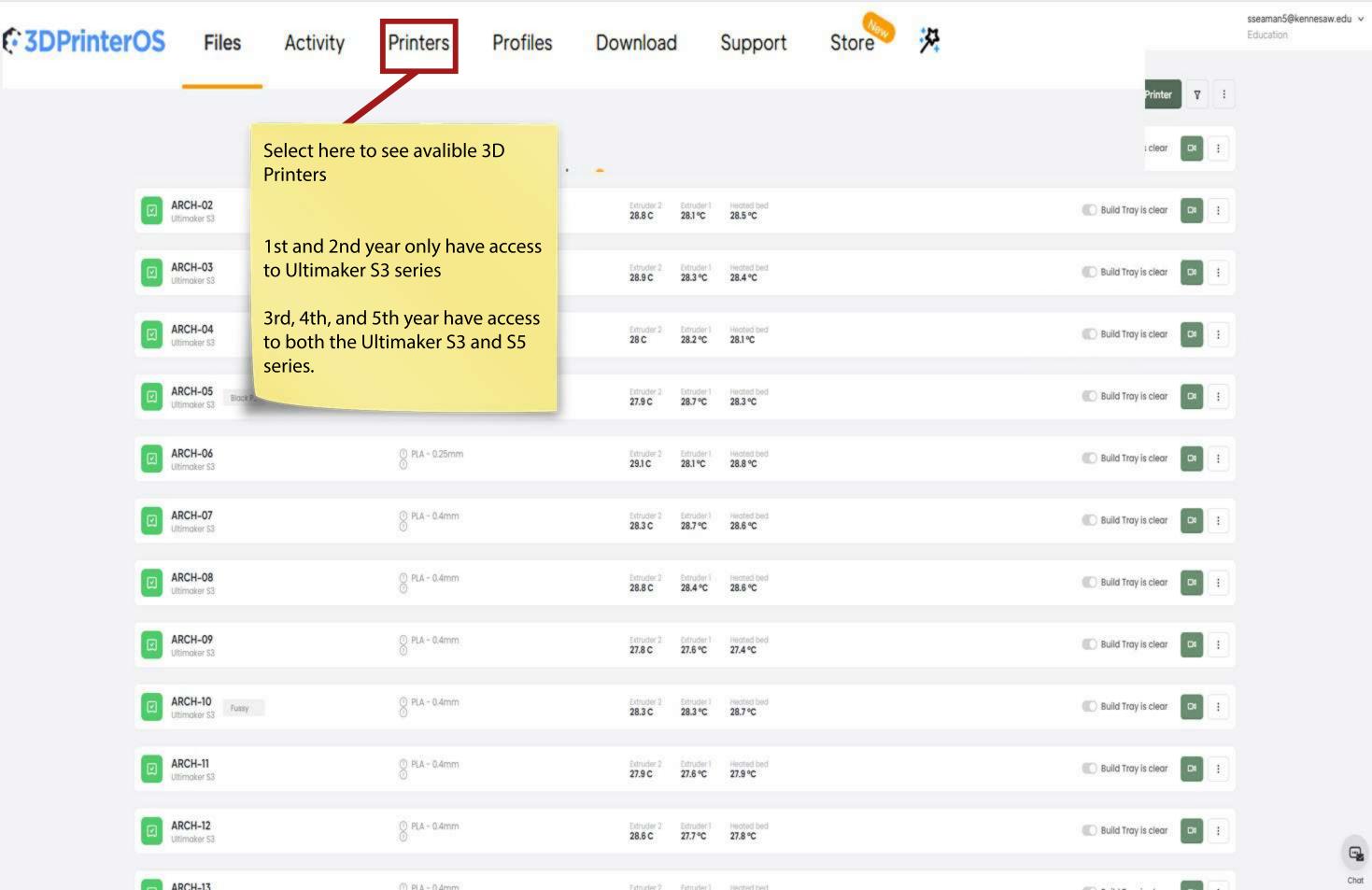
.00:23h

1.1 MB

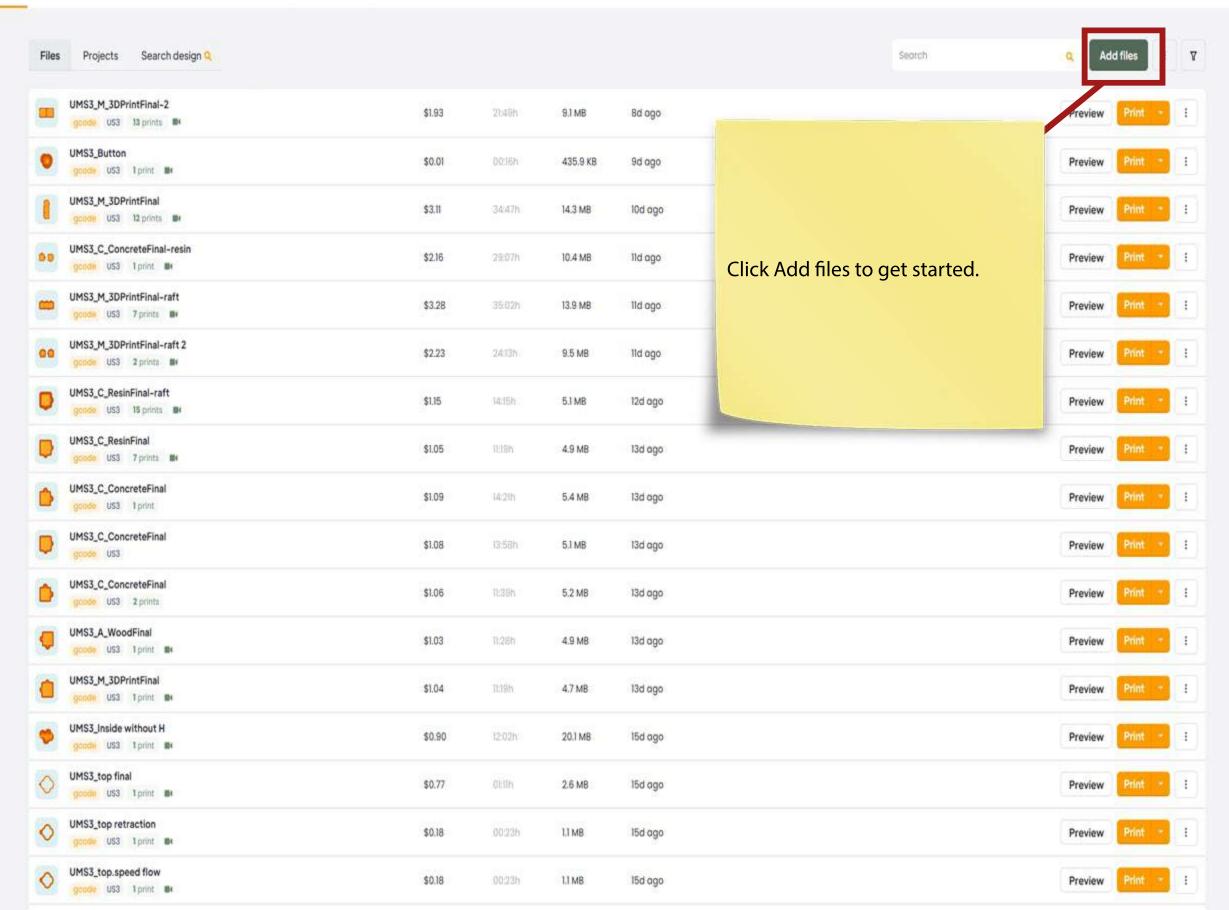
15d ago



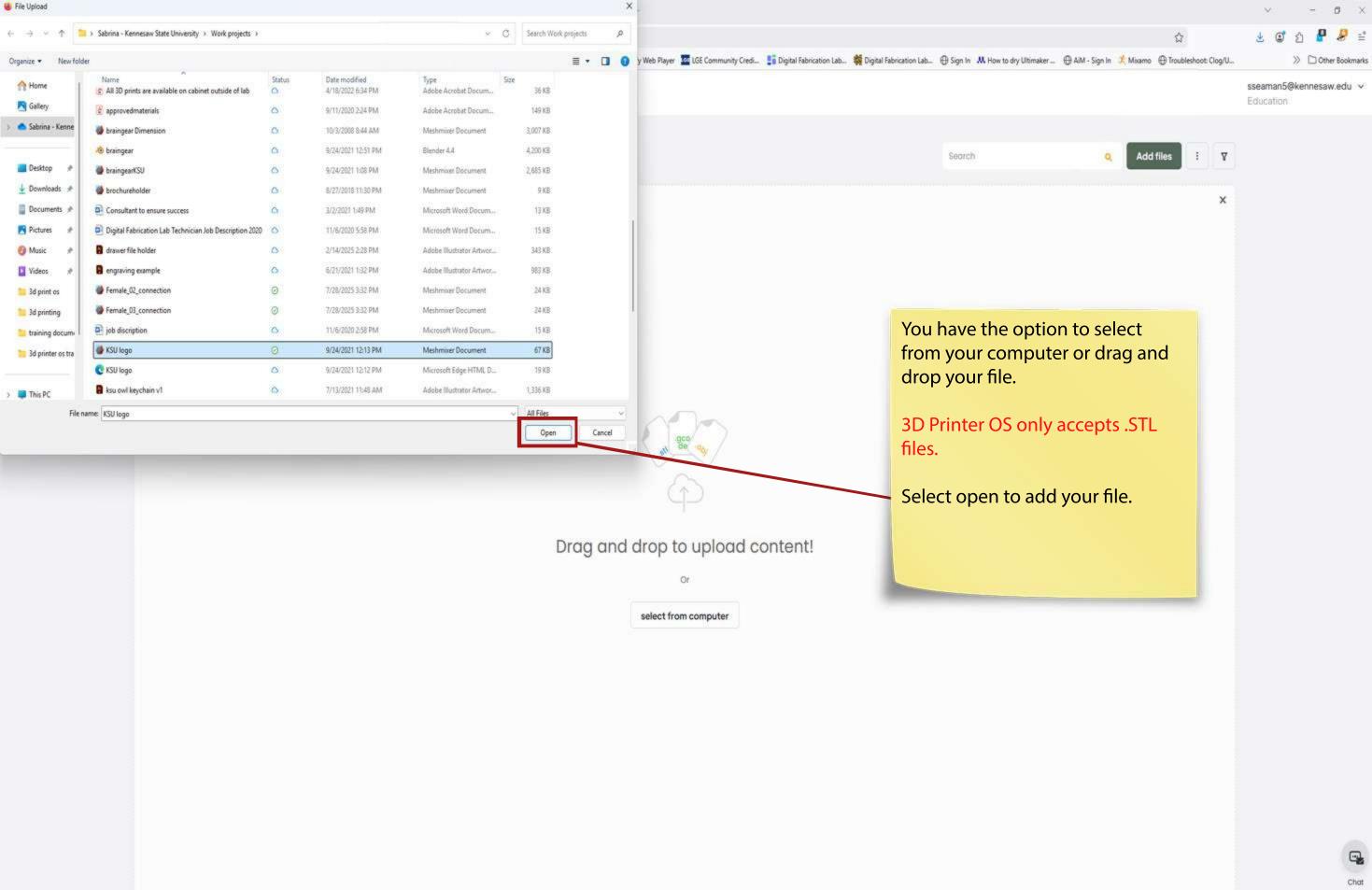
Chat

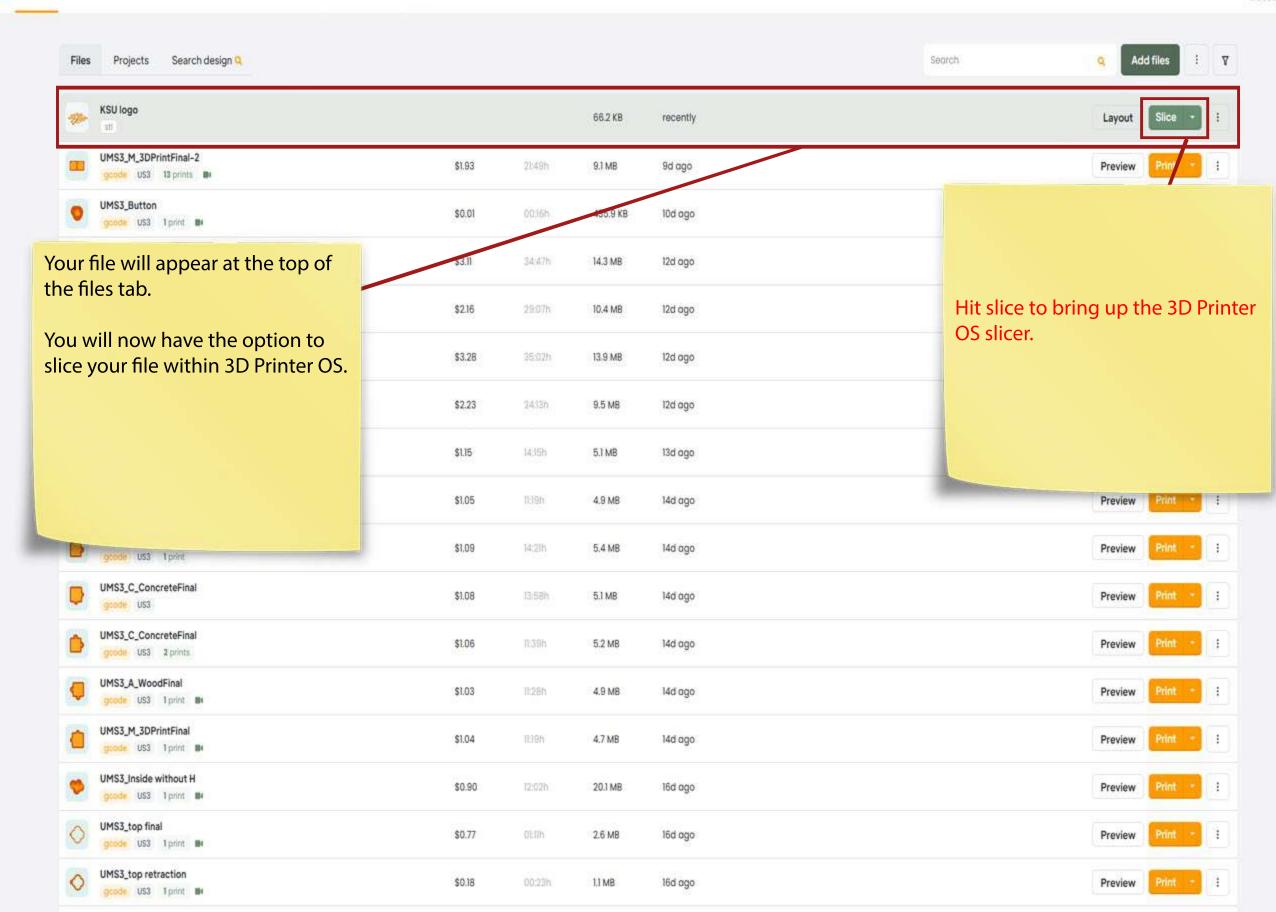


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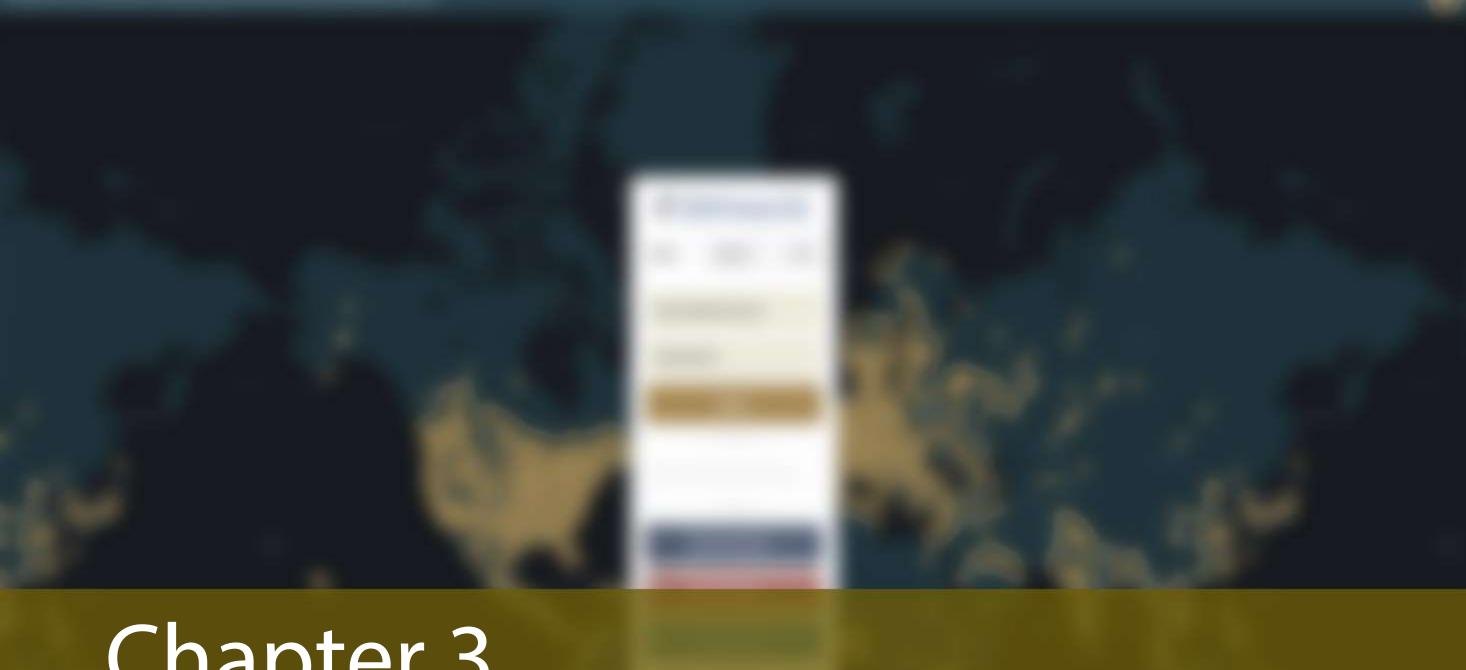




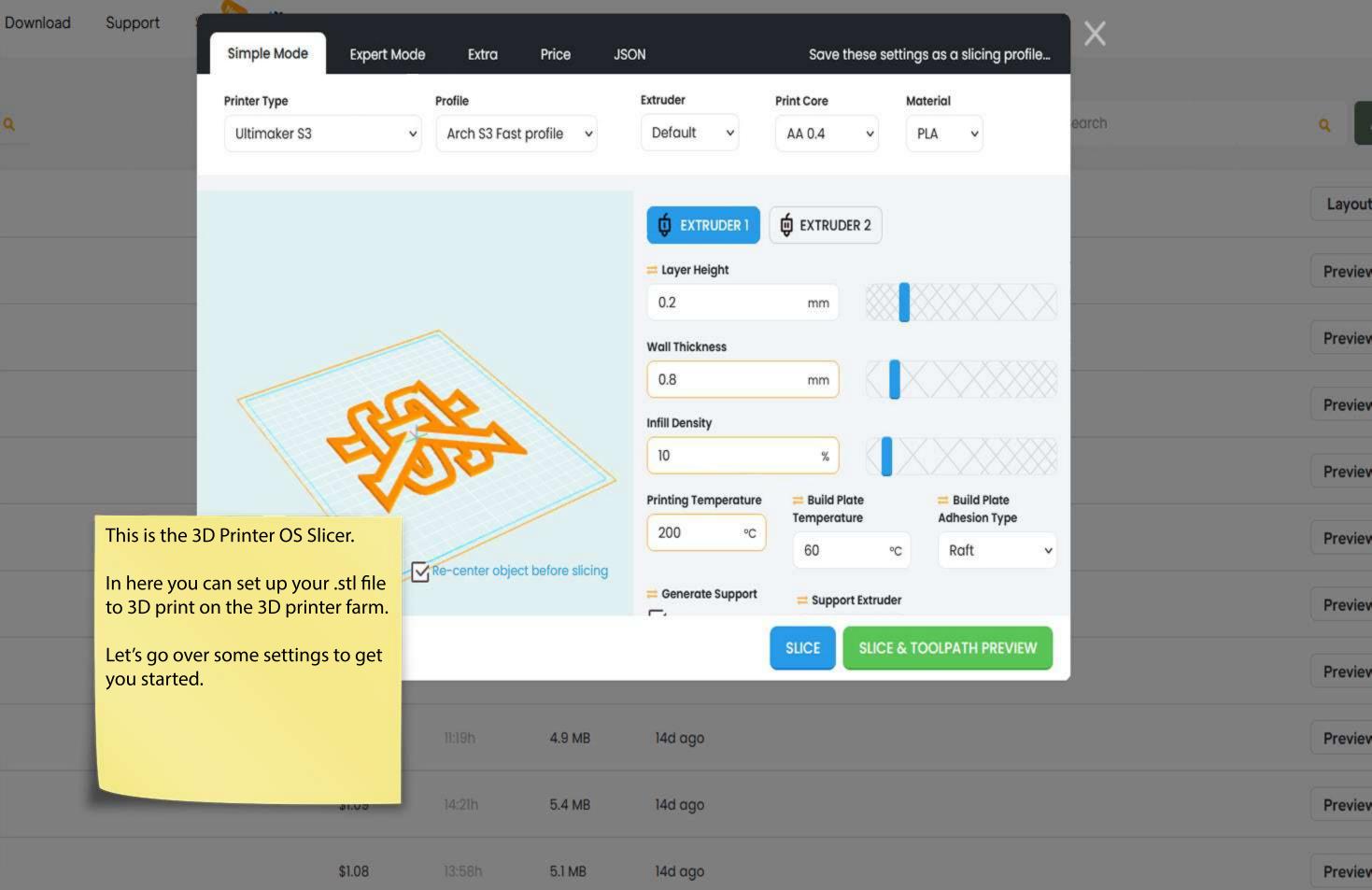


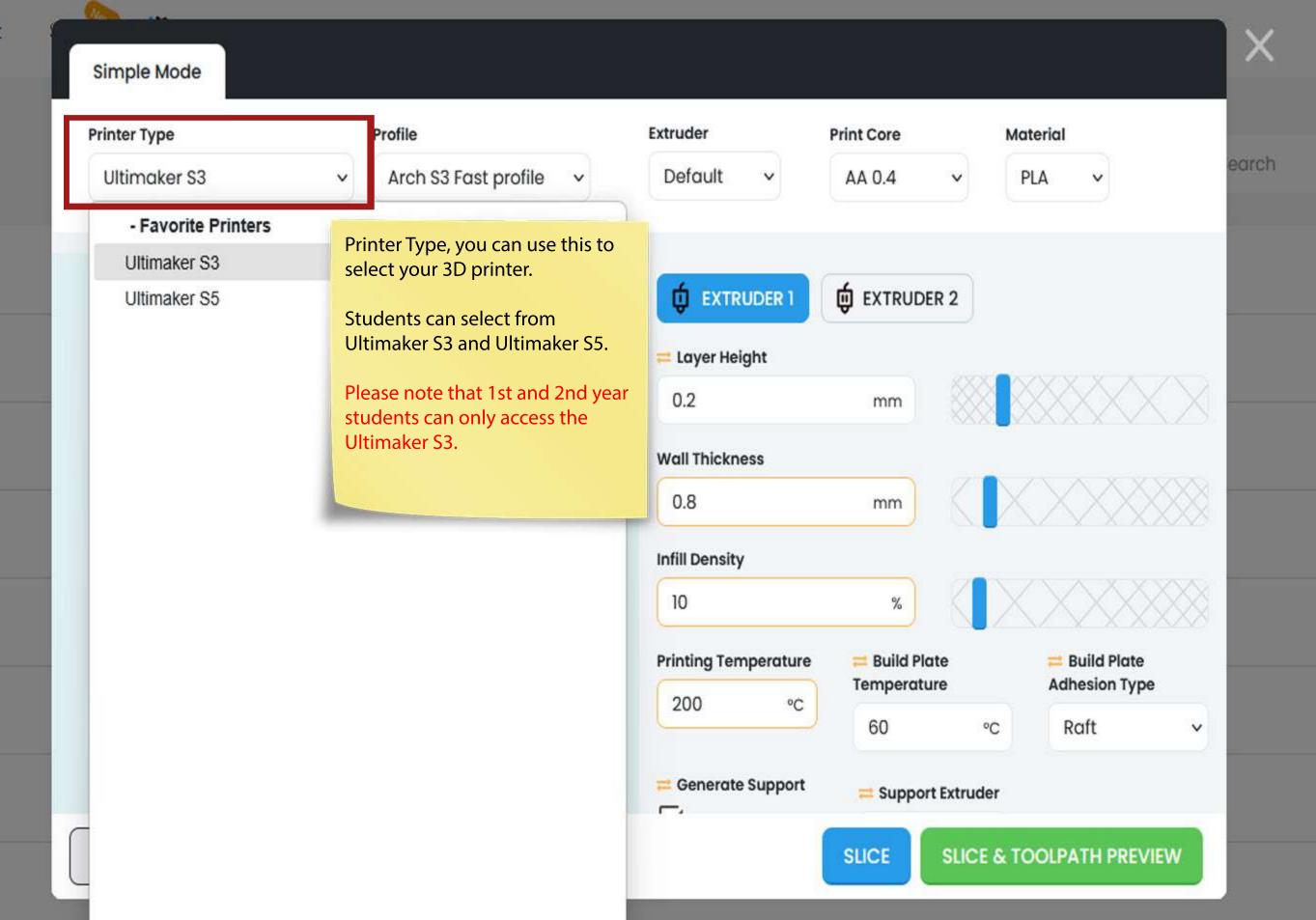


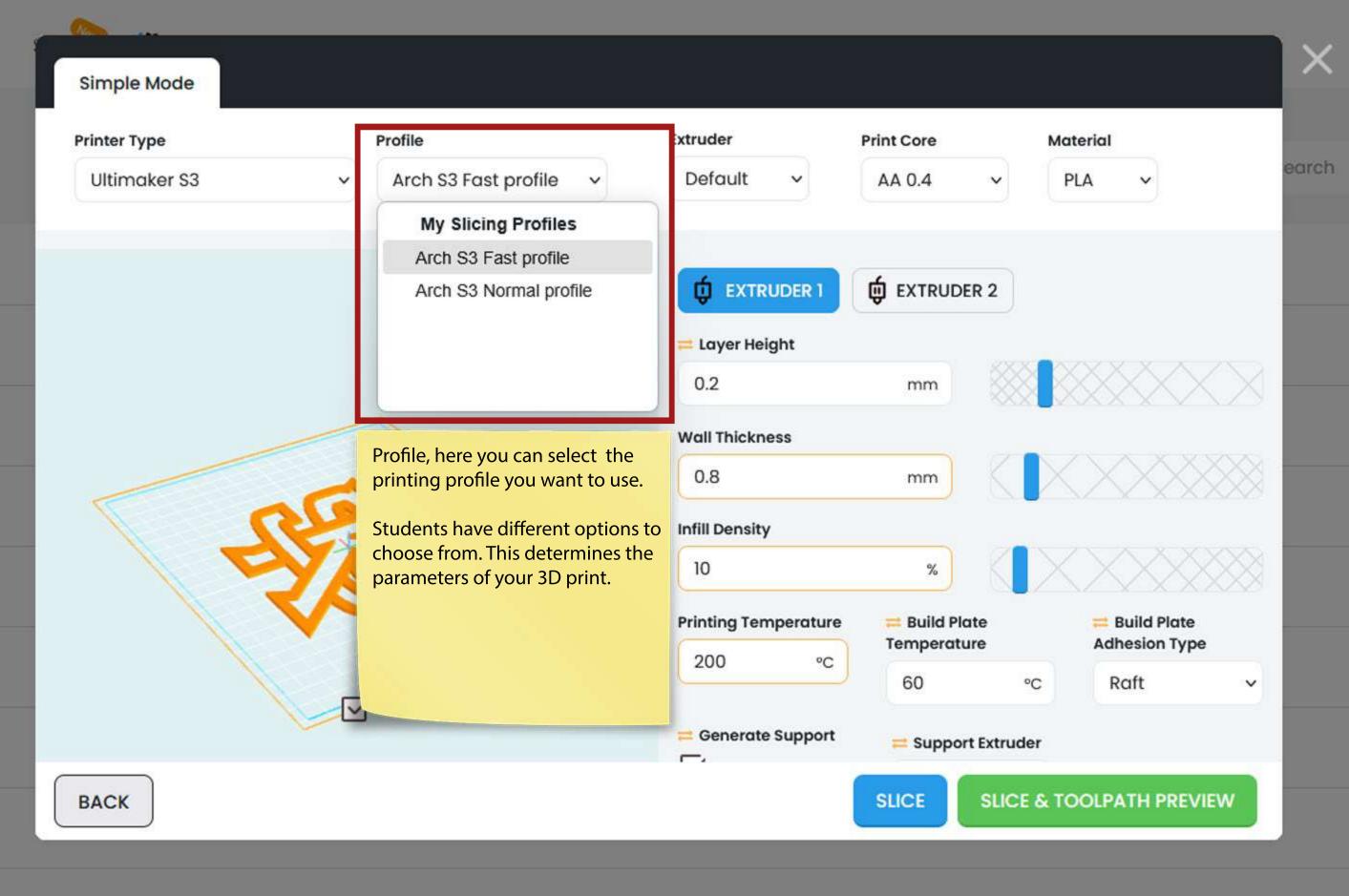




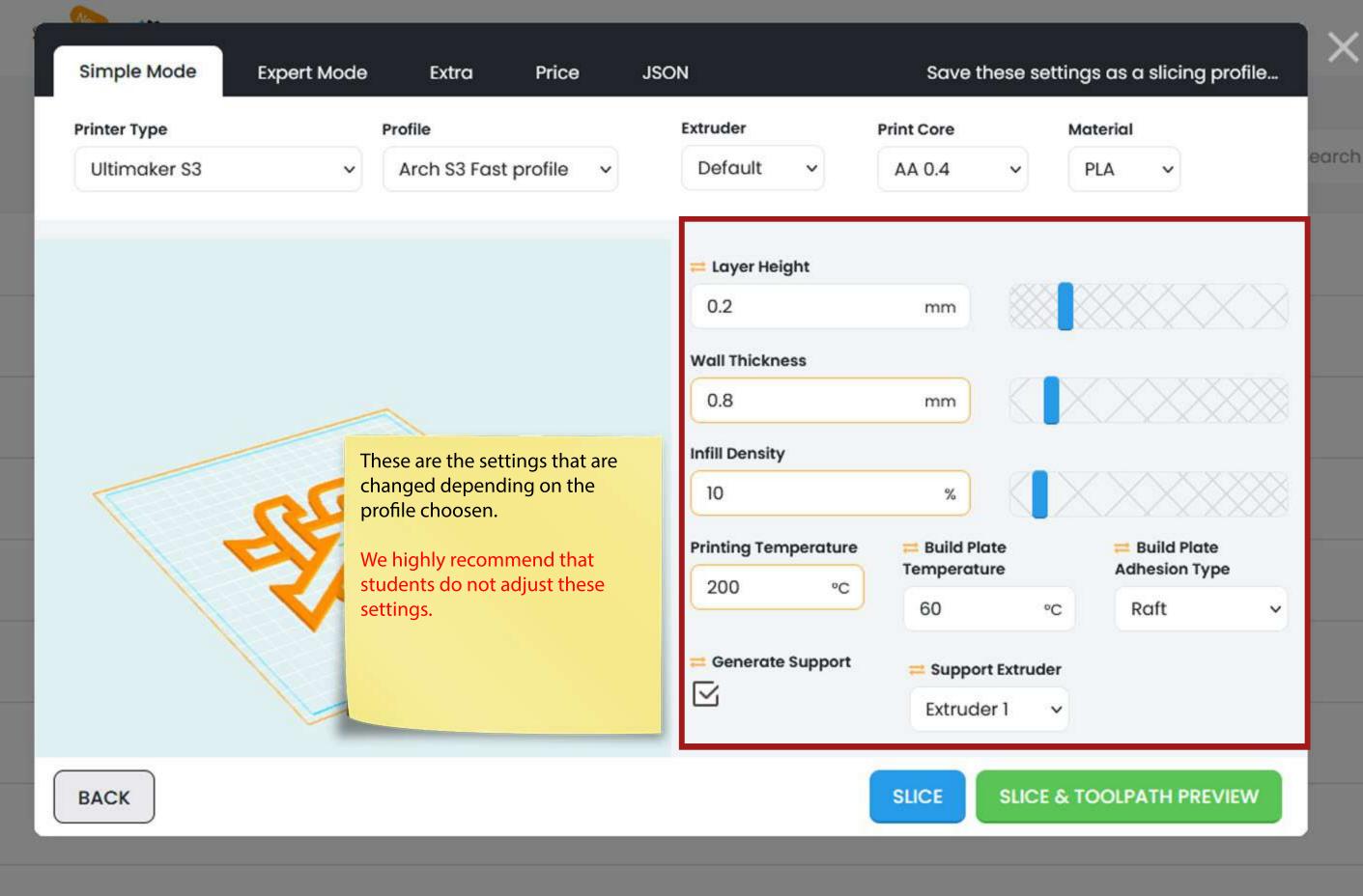
Chapter 3 Slicing a file in 3D Printer OS





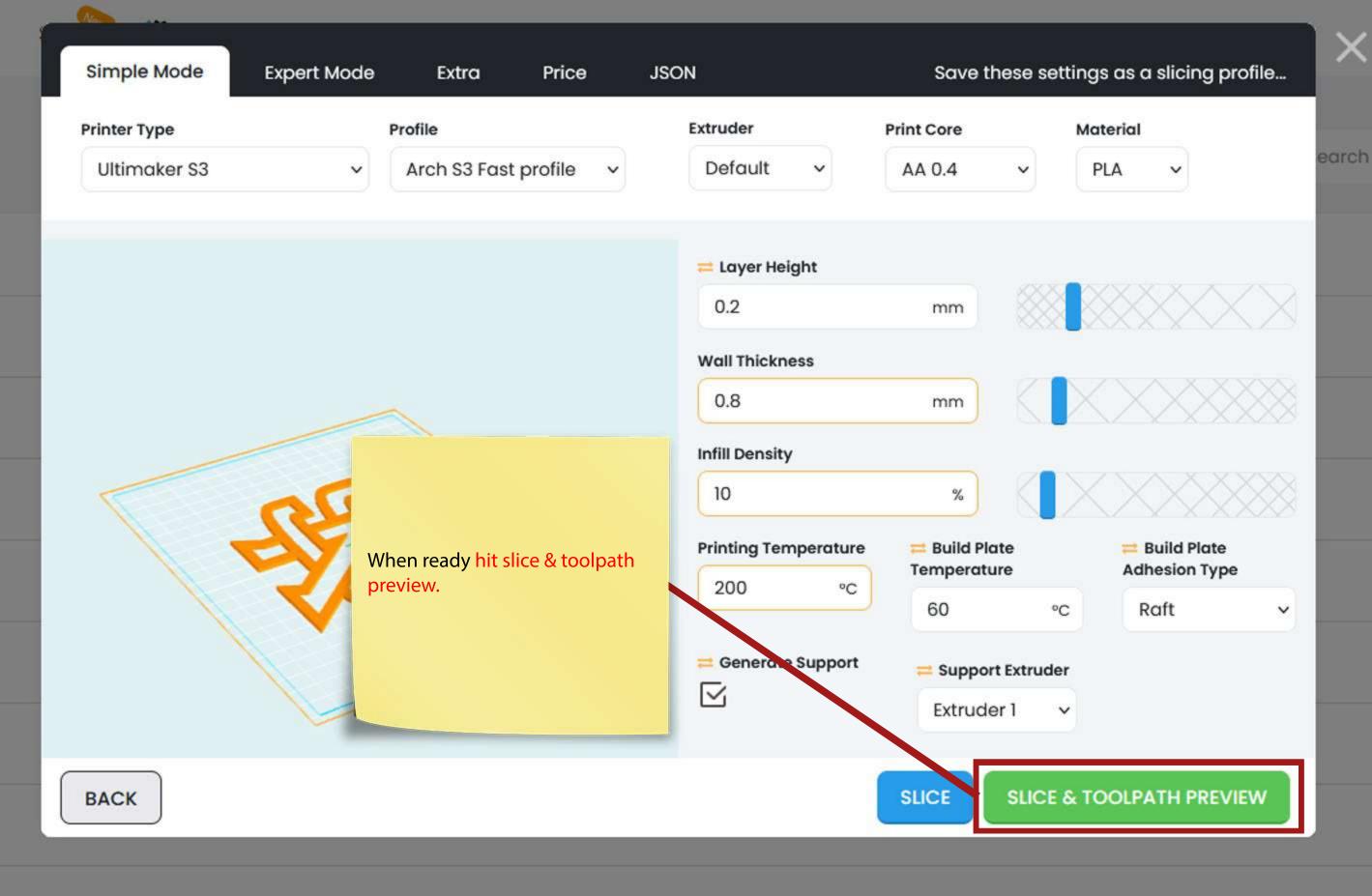


10E 110b 40MD 14d co



\$1.05 11:19h 4.9 MB 14d ago

rt



\$1.05 11:19h 4.9 MB 14d ago

rt

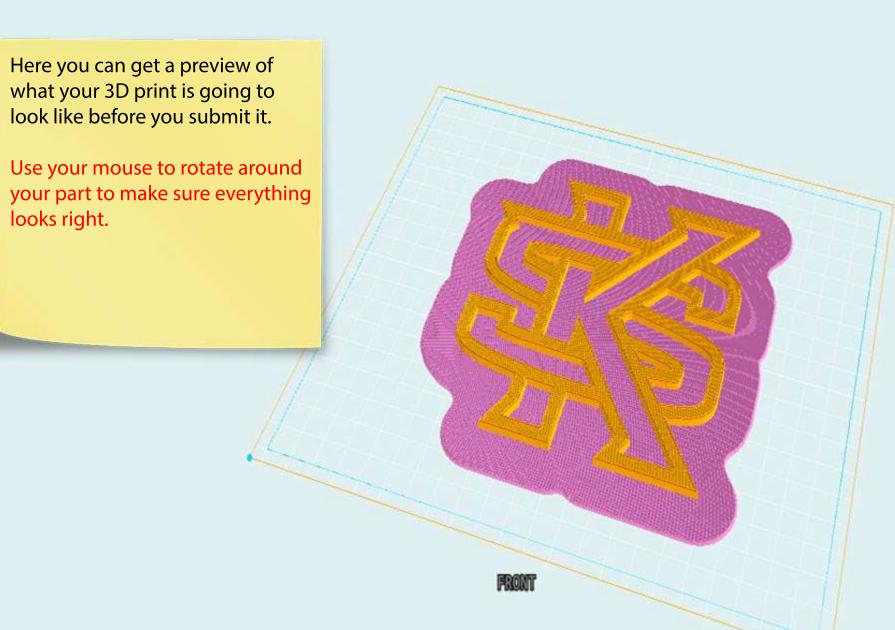


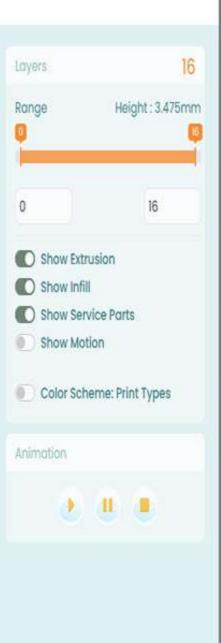
min

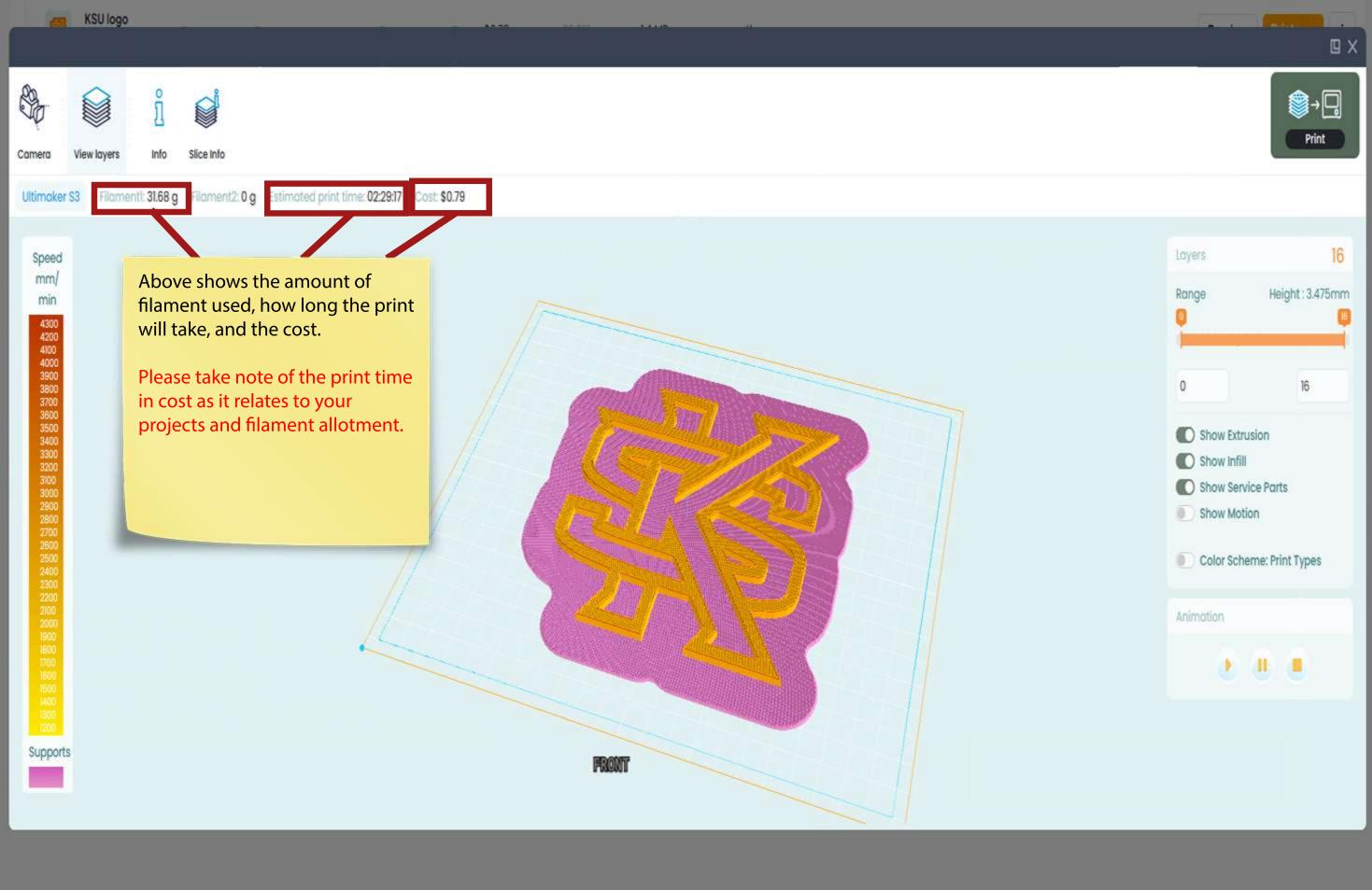
Supports

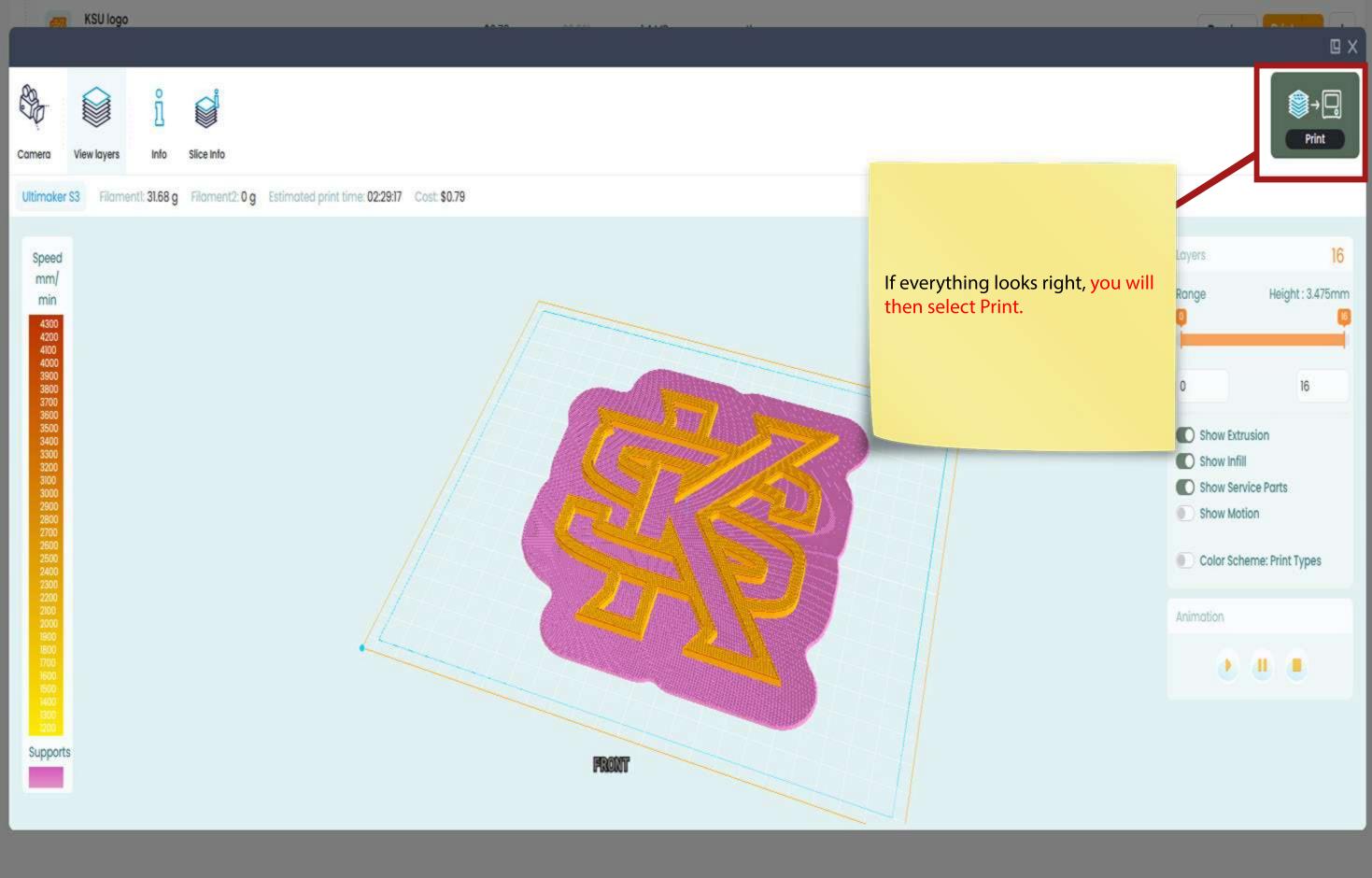


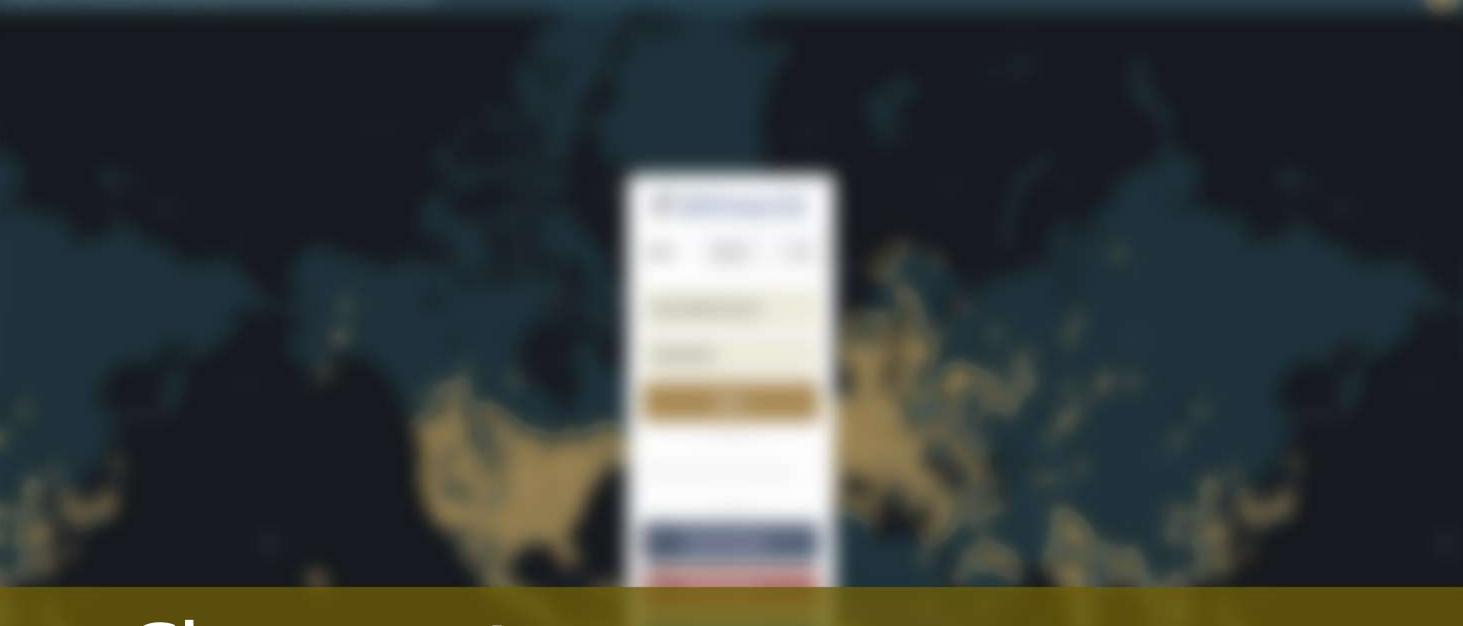
Ultimaker S3 Filamentl: 31.68 g Filament2: 0 g Estimated print time: 02:29:17 Cost: \$0.79











Chapter 4
Submitting a sliced file to the 3D Printer farm

