



# Designing a Greek Monument

In 3D!

# Ancient Greek Monuments

- Often dedicated to one of the Greek gods, sometimes to battles
- Pillars. Pillars everywhere.
- Unlike some modern monuments, these buildings all had functions – they were used by Greek citizens for a purpose, not just as a remembrance

# Parthenon

- Functioned as a temple
- Dedicated to Athena
- Built 438 BC





# Epidaurus Theater

- Functioned as a theater
- Dedicated to Asklepios, god of healing
- Built  
325 BC



# Temple of Artemis

- Functioned as a temple
- Dedicated to Artemis
- Built 580 BC





# Stadium at Olympia

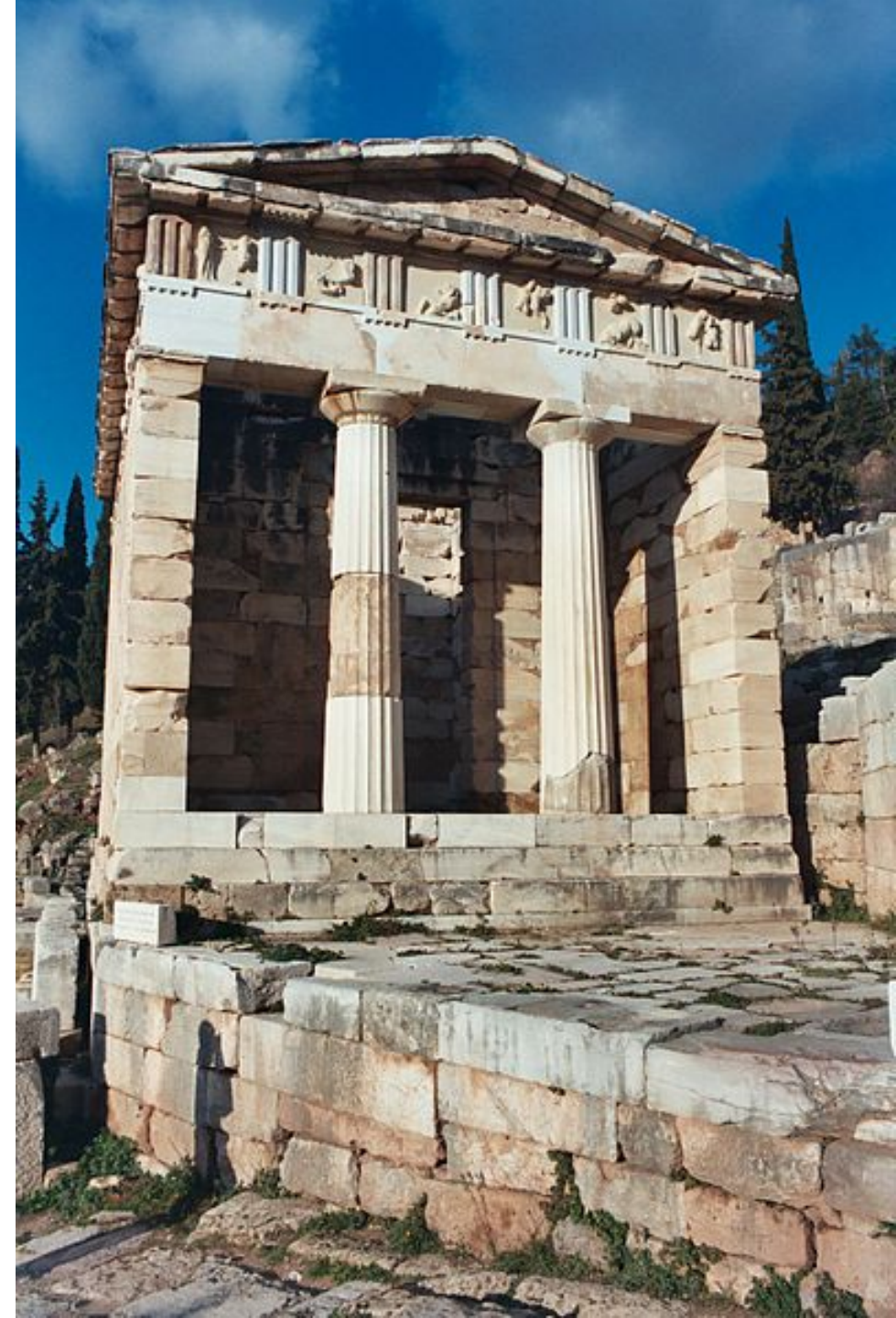
- Original site of Olympic games
- Dedicated to Zeus, as were the games
- Built 560 BC





# Treasury of Athens

- Functioned as a treasury
- Dedicated to winning the Battle of Marathon
- Built 480 BC

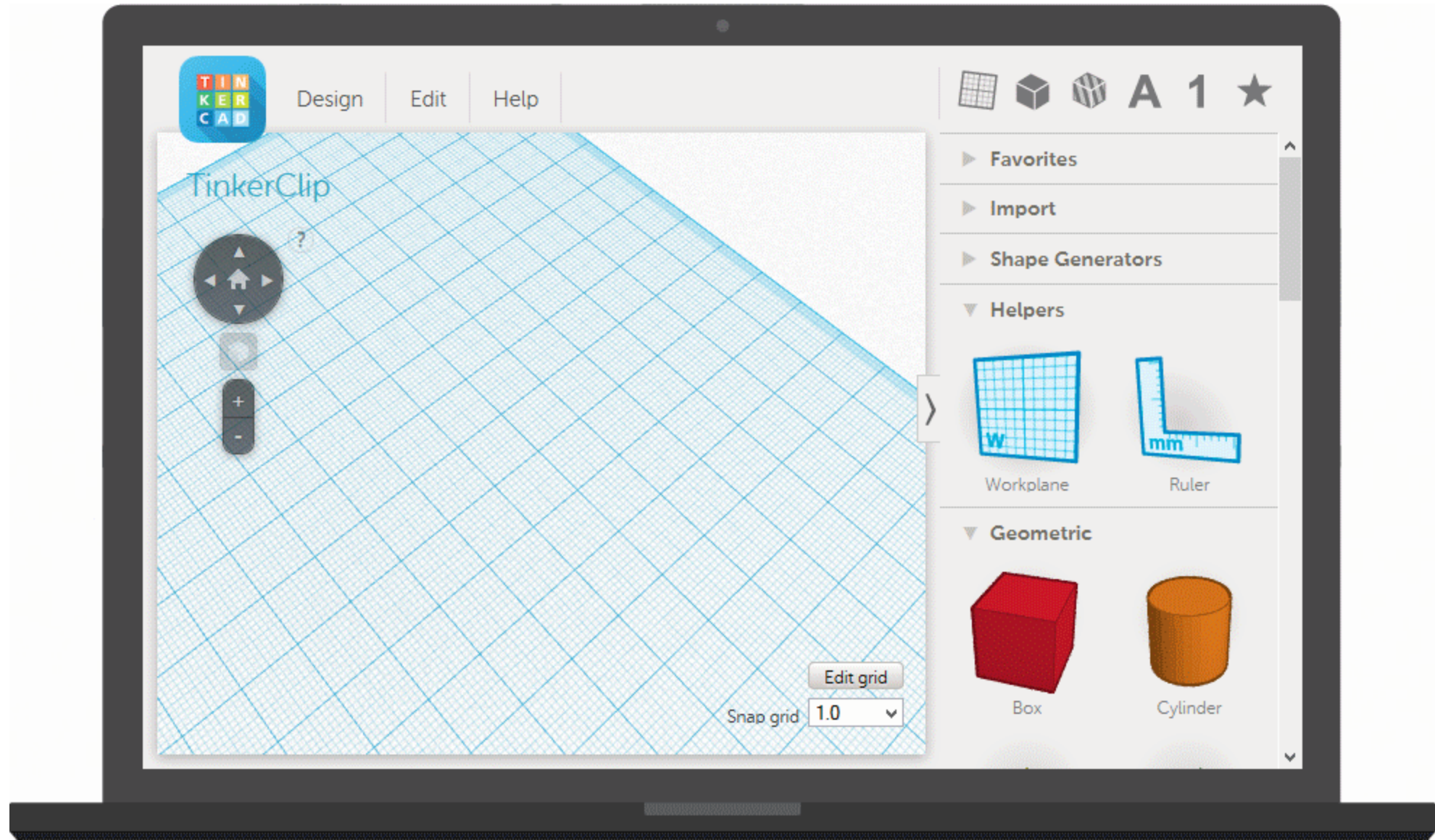


# 2500 years later... it's your turn!

1. Choose an event, a god/goddess or some other aspect of Ancient Greece
2. Sketch a monument design dedicated to whatever you chose – use abstraction to think about how your architecture relates to your topic!
3. Create your monument in 3D using TinkerCad
4. Write **two** paragraphs to accompany your design describing how you came up with the idea and how your monument relates to your topic



# TinkerCad



# Grading rubric

	Doesn't meet expectations [0]	Approaching expectations [1-4]	Meets expectations [5-8]	Exceeds expectations [9-10]
Sketch	Sketch not completed	Sketch is not understandable Sketch doesn't relate to 3D model	Sketch is understandable Sketch was used while creating 3D model	Sketch is clear and well thought out Sketch closely aligns with 3D model
3D monument	3D monument not completed	3D monument uses fewer than five elements 3D monument does not reflect Ancient Greek style	3D monument uses between five and ten elements 3D monument could be seen as using Ancient Greek style	3D monument uses more than ten elements 3D monument is a clear reflection of Ancient Greek style
Written explanation	Written explanation not completed	Written explanation shorter than two full paragraphs Written explanation does not connect chosen topic with monument	Written explanation is at least two paragraphs Written explanation makes some attempt to connect chosen topic with monument	Written explanation is at least two well-structured paragraphs Written explanation clearly connects chosen topic with monument
Creativity and effort	Total lack of creativity or effort	Some creativity is seen across all elements Some components show signs of effort	Creativity is seen across all elements All elements show signs of effort	All elements are exceptionally creative and clearly took a great deal of effort



Go to: [tinkercad.com](https://tinkercad.com)

Community Challenge: #TinkerTeamUp Show us your squad - we've got some great stuff for our favorites.

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# Tinkercad is a simple, online 3D design and 3D printing app for everyone.

Tinkercad is used by designers, hobbyists, teachers, and kids, to make toys, prototypes, home decor, Minecraft models, jewelry – the list is truly endless!

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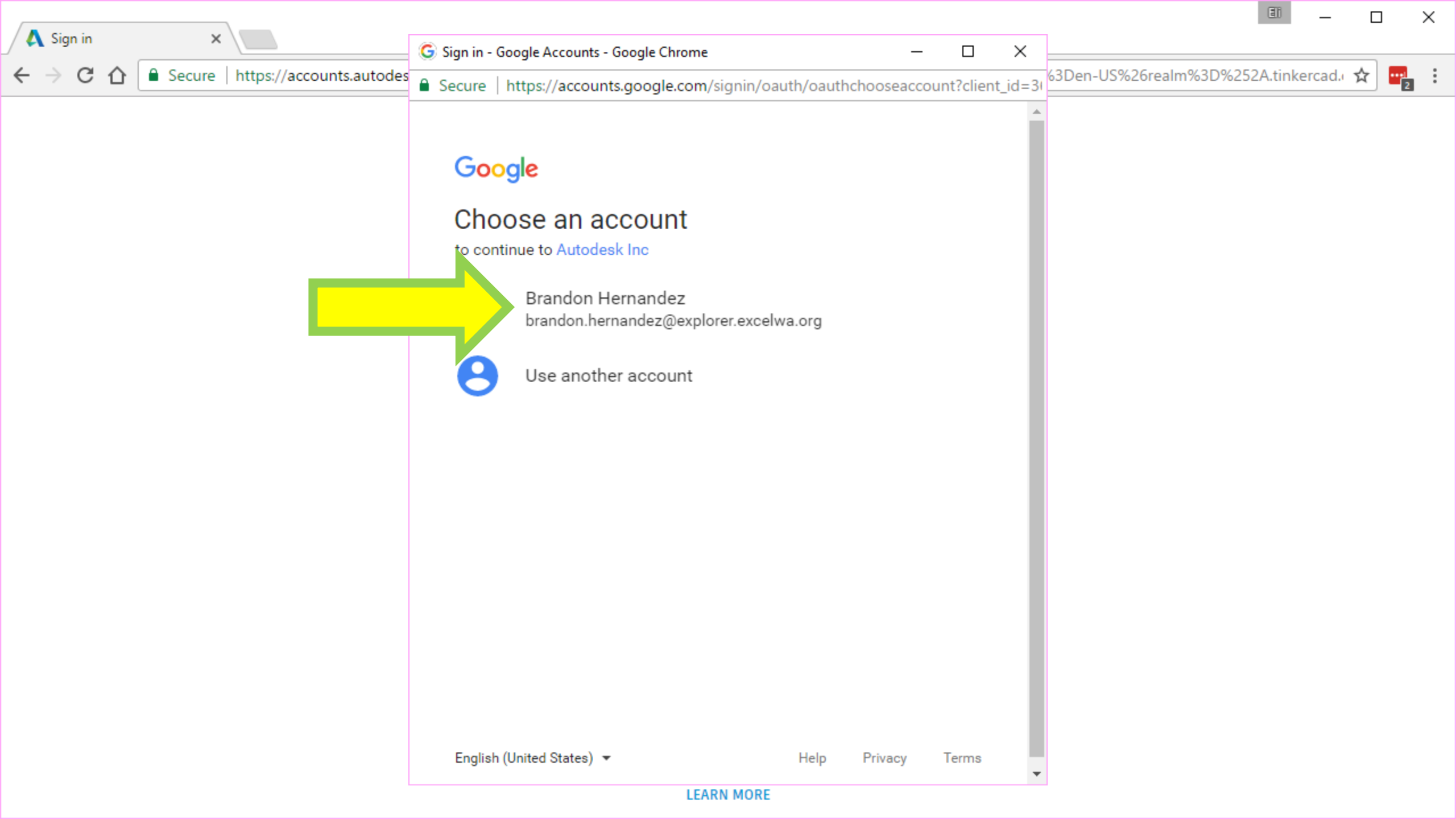
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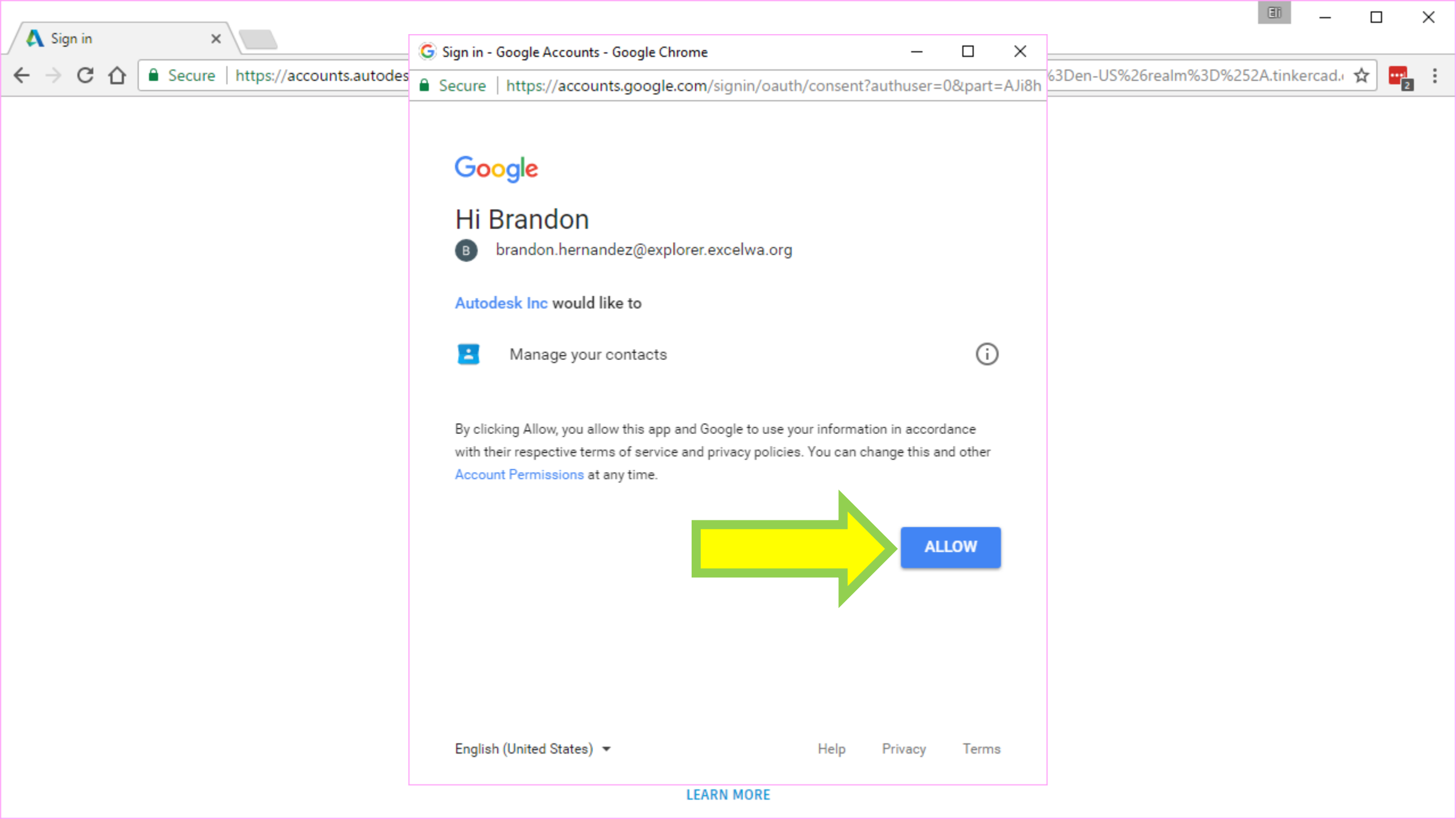
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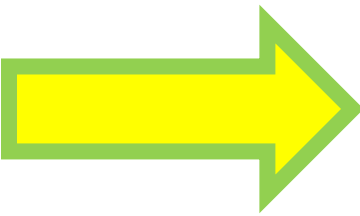
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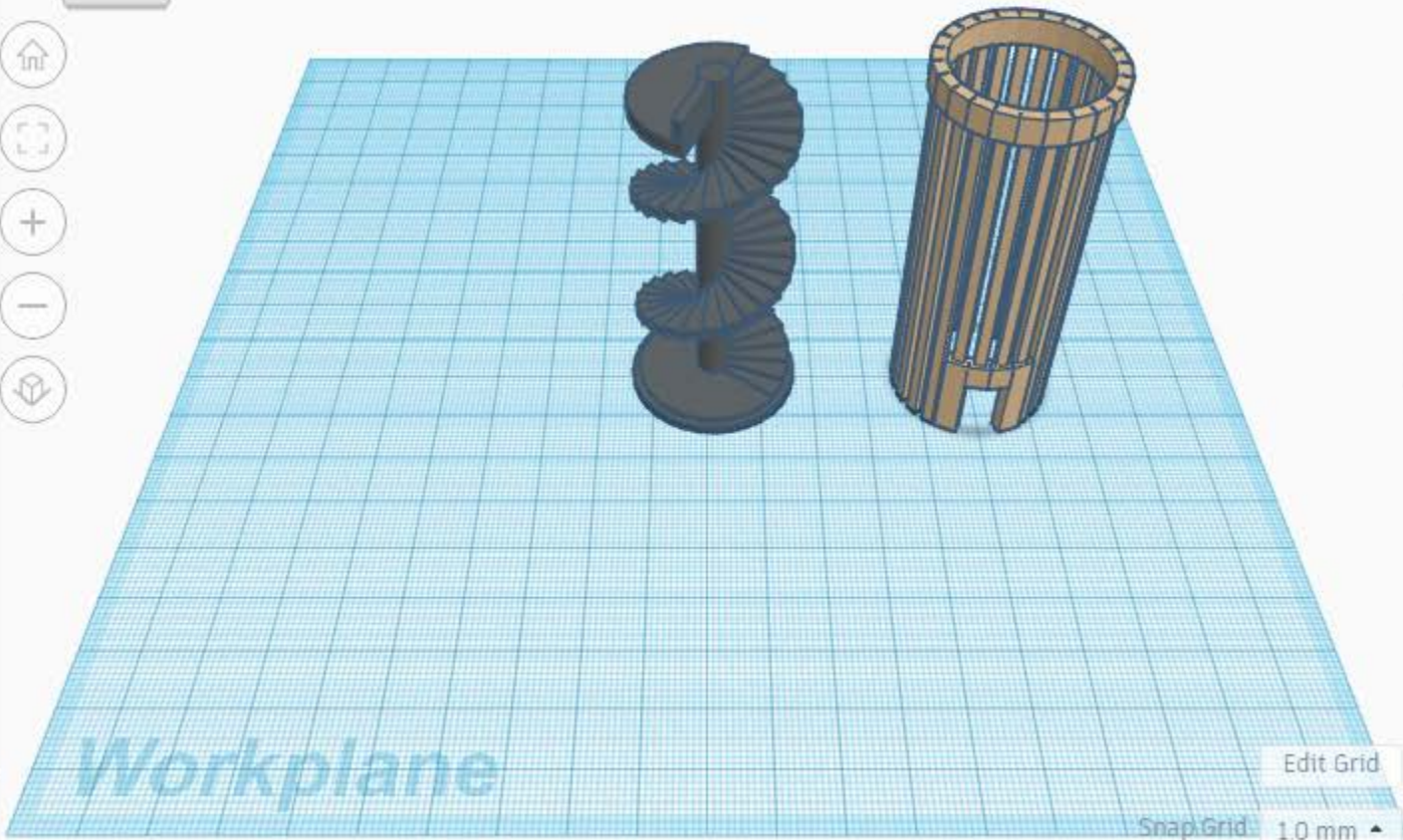
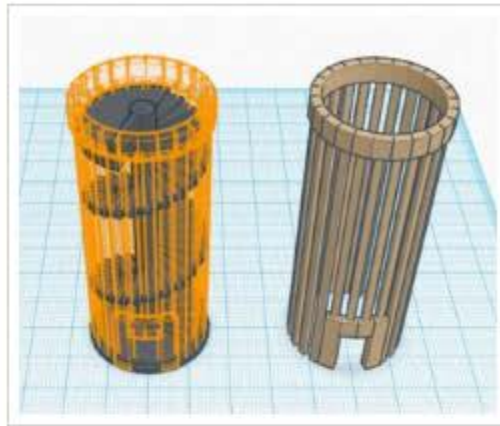


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# Learning the Moves

Let's learn to move shapes along the workplane!



Workplane



Ruler

Tinkercad  
Basic Shapes



Box



Cylinder



Box



Cylinder



Pyramid



Roof

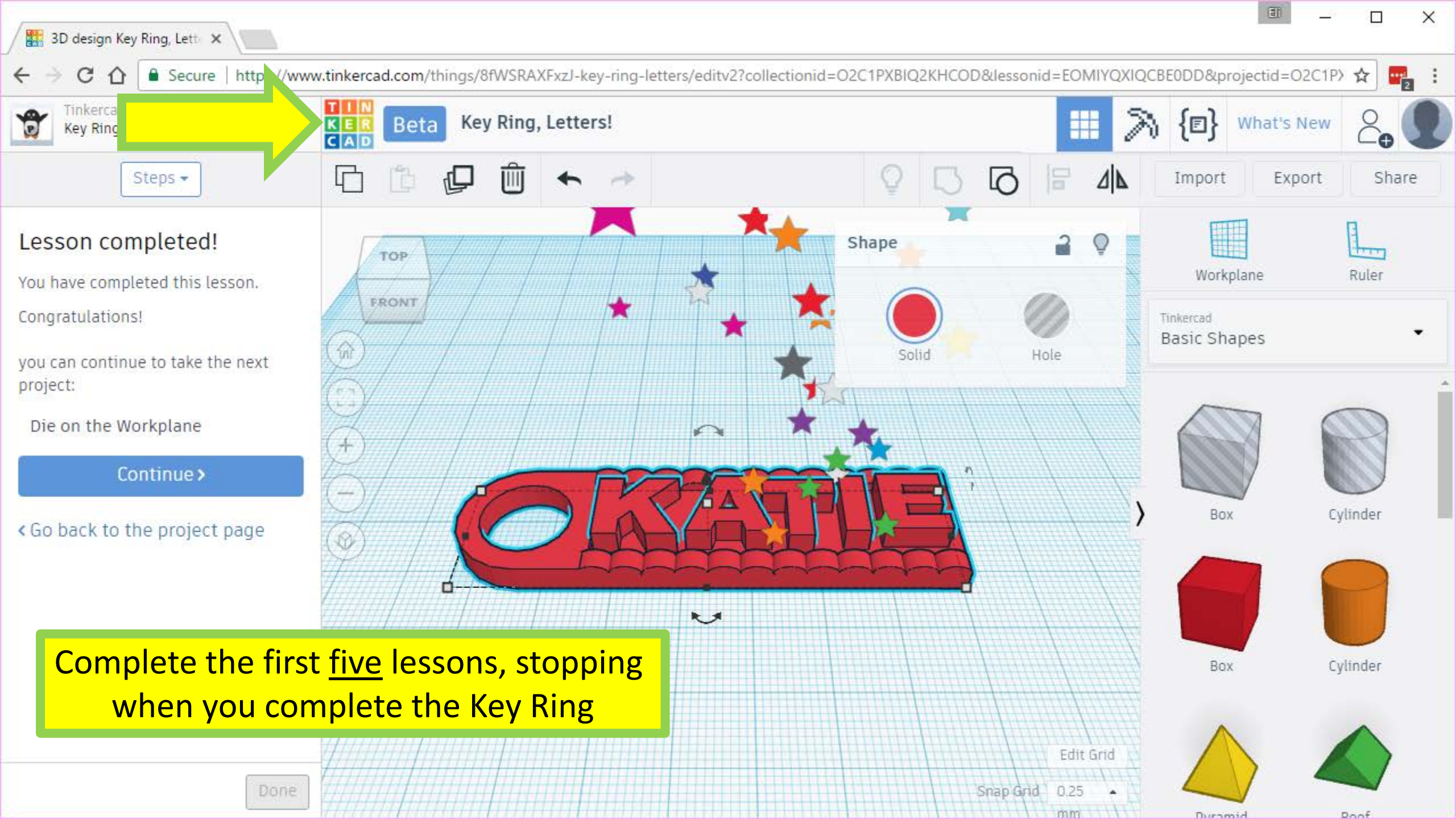


Next ▶

Edit Grid

Snap Grid 1.0 mm





Steps

Lesson completed!

You have completed this lesson.

Congratulations!

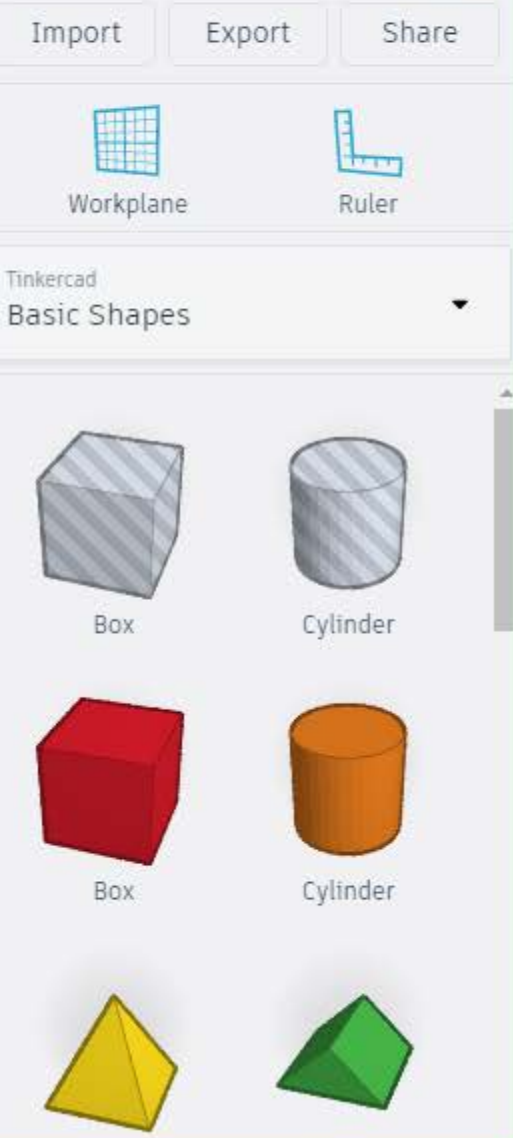
you can continue to take the next project:

Die on the Workplane

Continue

Go back to the project page

Done



Complete the first five lessons, stopping when you complete the Key Ring

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# Brandon Hernandez

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COLLECTIONS

Lesson

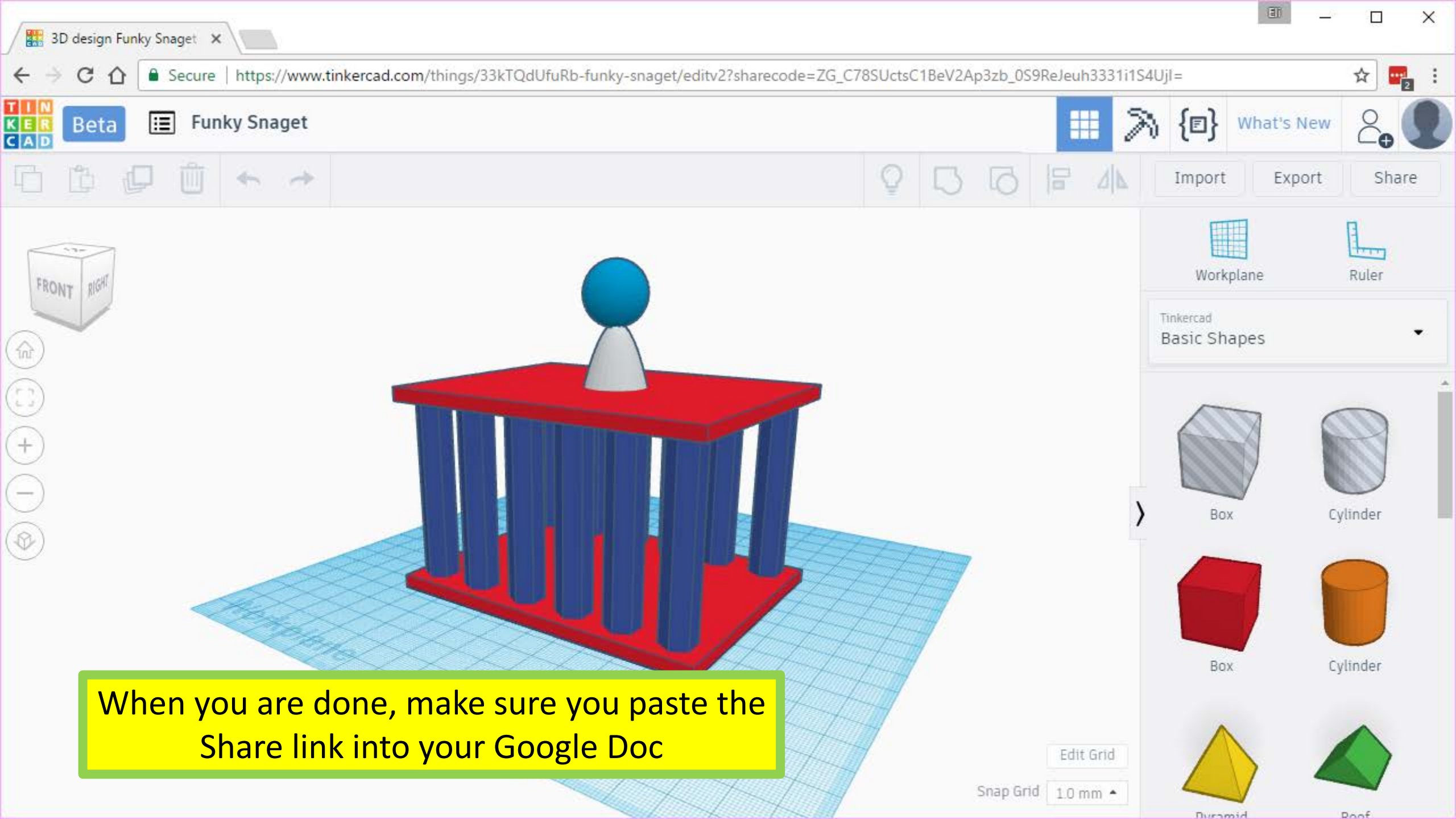
My recent designs

## My recent designs

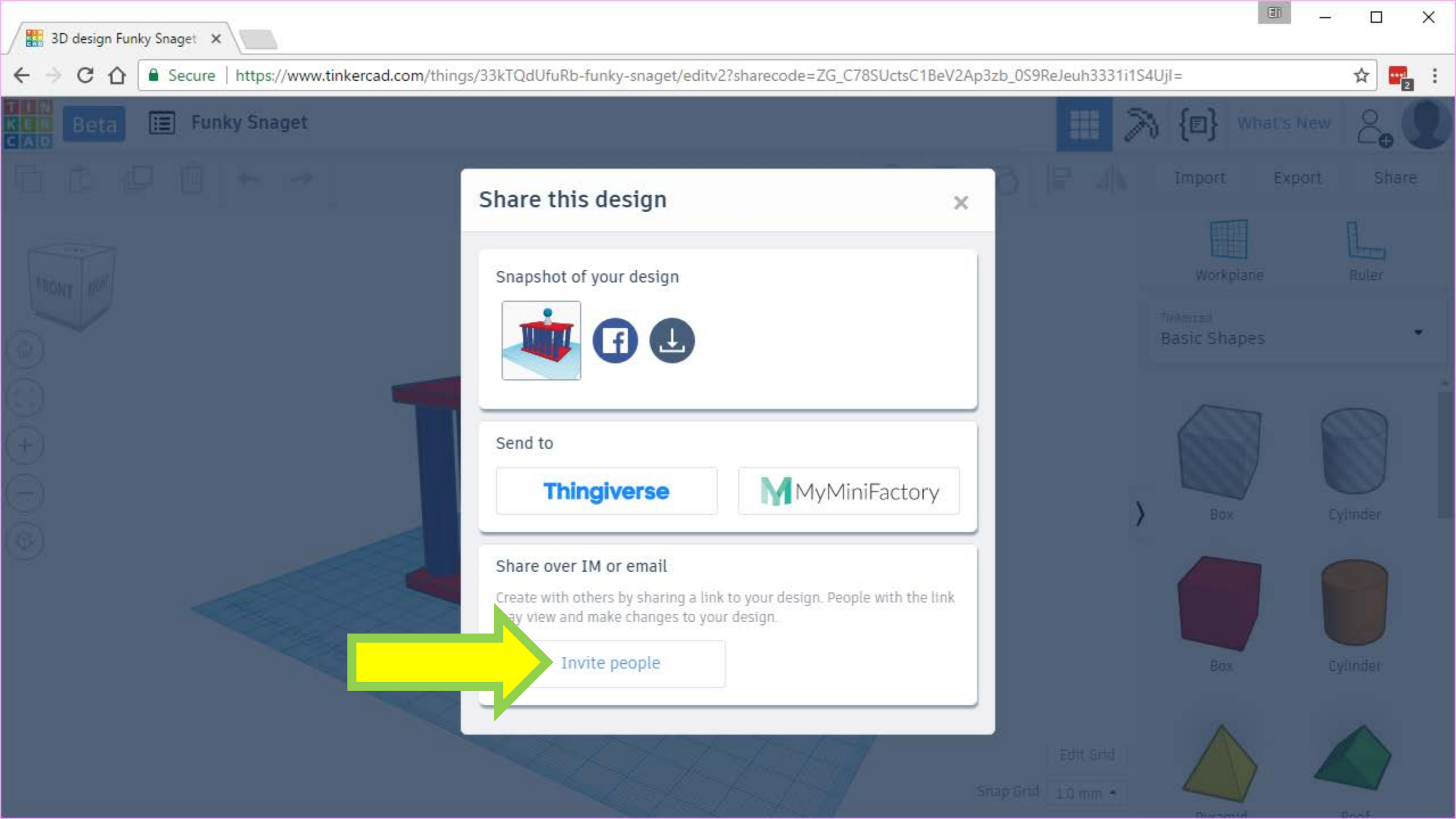
Create new design

Create legacy design





When you are done, make sure you paste the Share link into your Google Doc



Beta

Funky Snaget

## Share this design

Snapshot of your design



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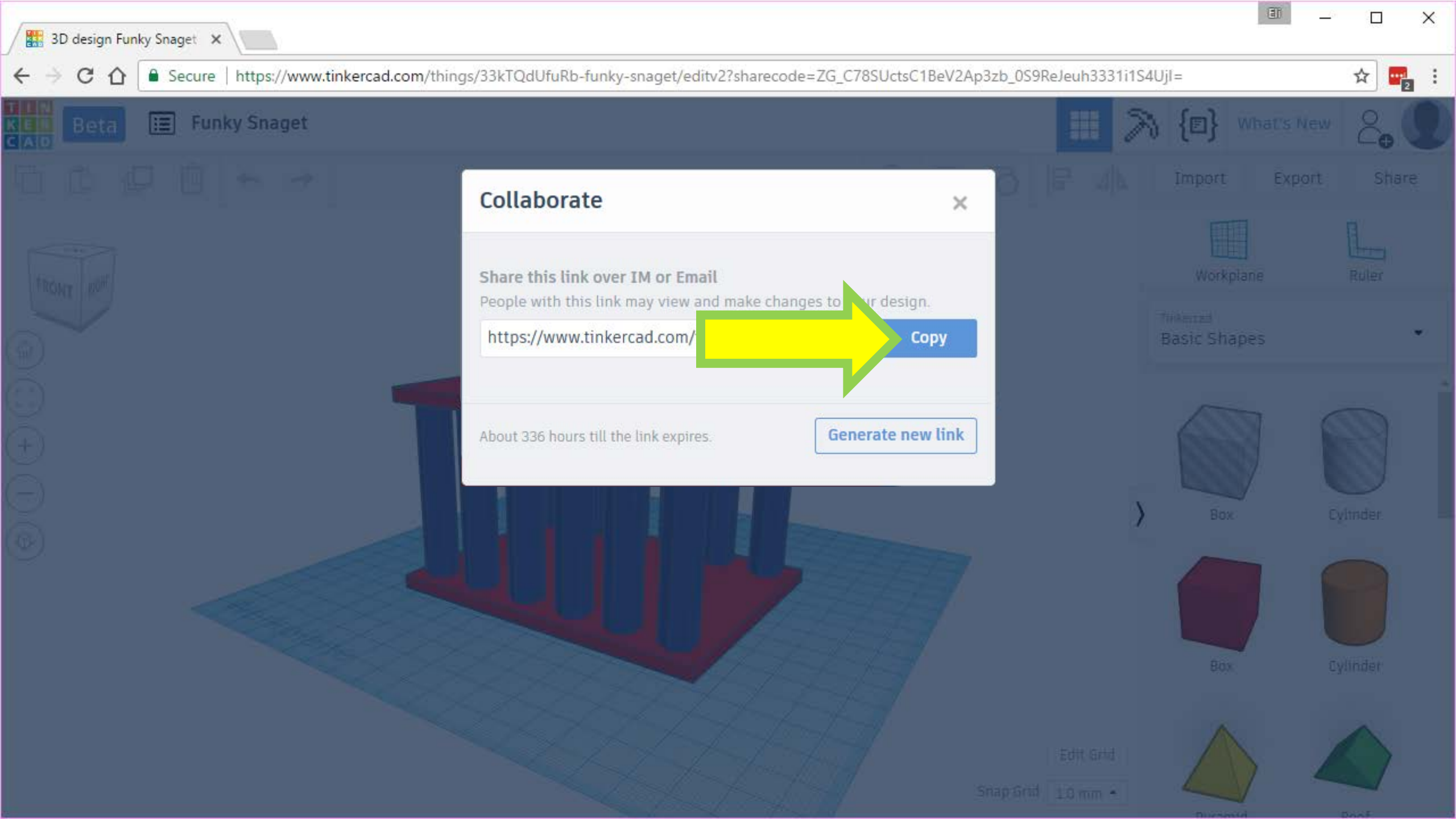
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Invite people



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