

Walk-in Slide: AU 2014 Social Media Feed

1. Click on the link below, this will open your web browser

<http://aucache.autodesk.com/social/visualization.html>

2. Use "Extended Display" to project the website on screen if you plan to work on your computer. Use "Duplicate" to display same image on screen and computer.



Tinkercad at School: Where Fun Meets Learning

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@melton3d



Class summary

Schools have widely adopted Tinkercad for 3D printing and project-based learning.

In this class you will learn best practices around the introduction of Tinkercad and its use in STEAM education for audiences that include children as young as 8 years old.

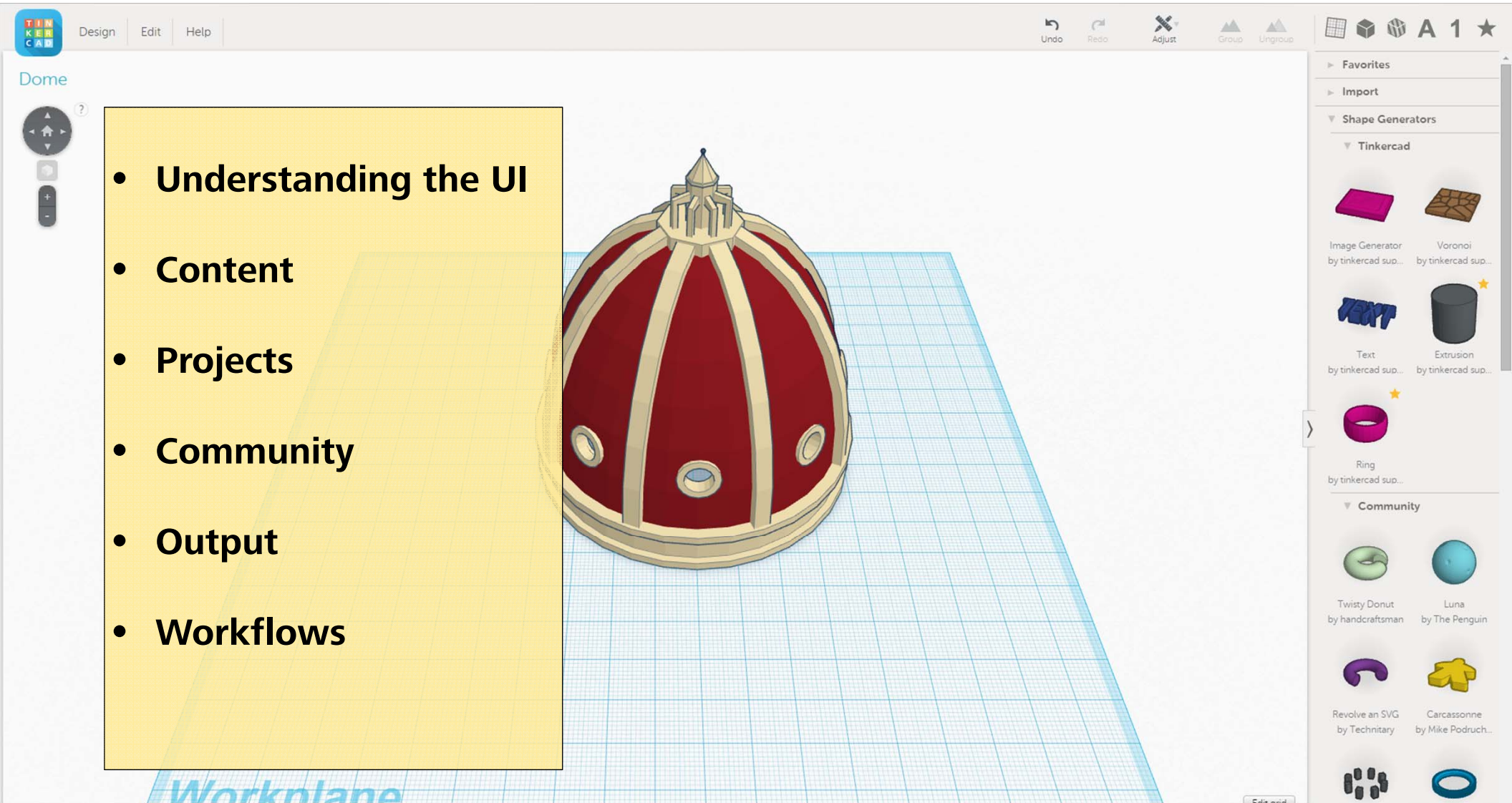
Discover how kids end up getting involved in 3D printing while learning about math, sciences, and art—all while playing with a surprisingly intuitive tool.

Key learning objectives

At the end of this class, you will be able to:

- Understand Tinkercad's modeling and 3D printing features
- Leverage best practices
- Learn how you can take advantage of predefined curriculum for Tinkercad, or create your own
- Understand connections with other pieces of the 123D and overall Autodesk ecosystem

Tinkercad 101



- Understanding the UI
- Content
- Projects
- Community
- Output
- Workflows



Design Edit Help

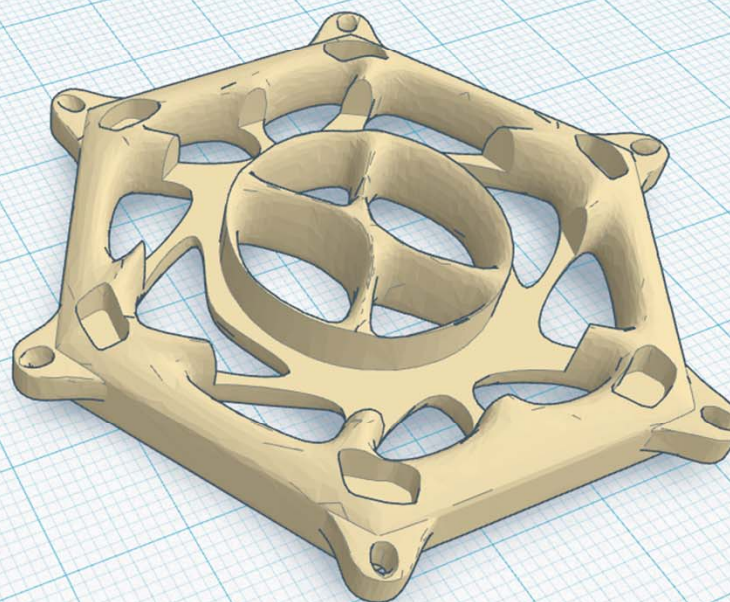


Particle Dress Elements



Understanding the UI

- Navigation
- Helpers
- Transforms
- Adjust
- Grouping



► Favorites

► Import

▼ Shape Generators

▼ Tinkercad



Image Generator
by tinkercad sup...



Voronoi
by tinkercad sup...



Text
by tinkercad sup...



Extrusion
by tinkercad sup...



Ring
by tinkercad sup...

▼ Community



Twisty Donut
by handcraftsman



Luna
by The Penguin



Revolve an SVG
by Technitary



Carcassonne
by Mike Podruch...

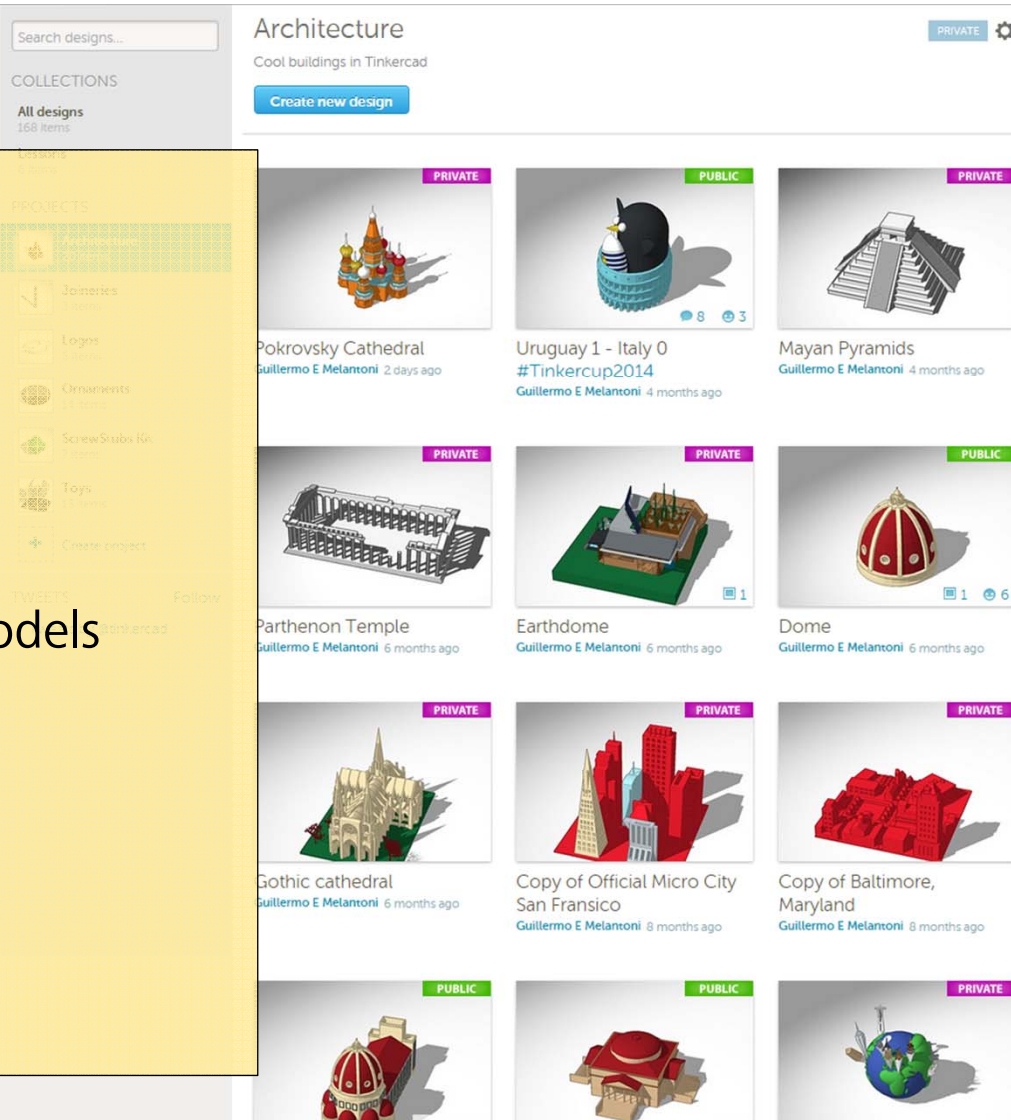


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Projects

- File properties
- Licensing
- Organizing models



Community

- Social
- Leveraging peer to peer printing
- Publishing and sharing





Design Edit Help

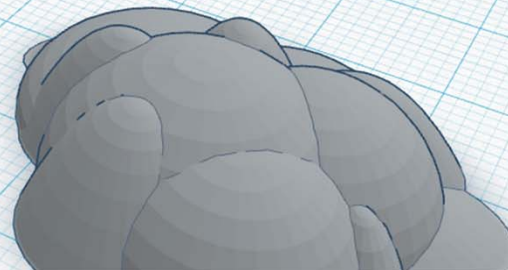
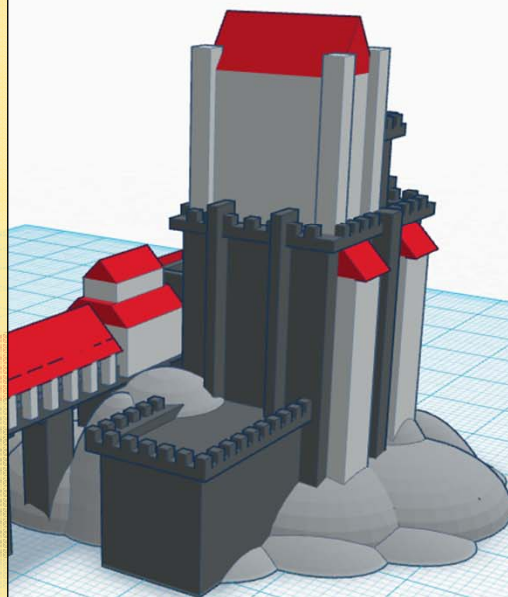


Copy of Castle on the Sea #Minecraft



Output

- 3D printing
- Laser cutting
- Minecraft!!



Favorites

Import

Import 2D or 3D shapes from your computer or from another web site.
More >

File URL

Choose File No file chosen

Import

Shape Generators

Tinkercad



Image Generator
by tinkercad sup...



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Community



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by handcraftsman



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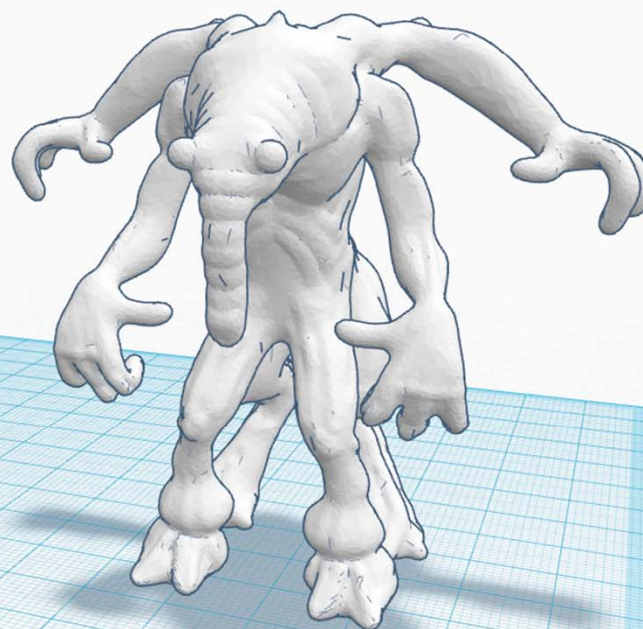


Luna
by The Penguin



Workflows

- 123D Catch
- Meshmixer
- 123D Circuits

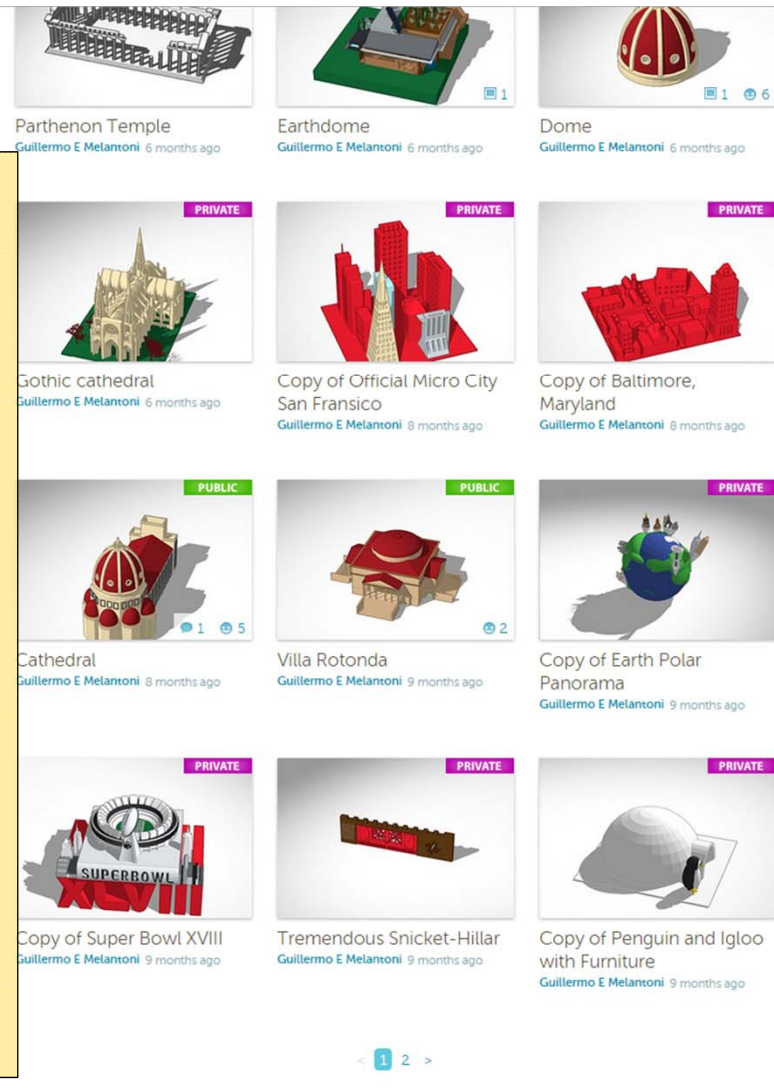


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Software meets content

- Project based learning
- Project Ignite
- Best practices



Session Feedback

- Via the Survey Stations, email or mobile device
- AU 2015 passes given out each day!
- Best to do it right after the session
- Instructors see results in real-time





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