**Tinker CAD Setup and Beginning Exercises**

**This semester we are going to be learning about a computer-aided design (CAD) program called TinkerCAD. TinkerCAD can help us create 3D models that can be used to express ideas, create new worlds, and that can be replicated using a 3D printer.**

# [Create a TinkerCAD account](Create%20a%20TinkerCAD%20account) and login at <https://www.tinkercad.com/>

# \*be sure to join as an educator using an email that you will use after graduation

# Click on ‘Classes’ button and then the ‘Enrolled’ tab and join our class using the

# code PNH-UTX-9EK or our class link – <https://www.tinkercad.com/joinclass/PNHUXT9EK>

# Sit back and watch this tutorial for beginners - <https://www.youtube.com/watch?v=gOs6Mdj7y_4>

# \*this is a great preview of all the things that you can do in TinkerCAD, but you might have noticed that was made in 2021 – a few things have changed, but the tools still work the same way.

# \*\*don’t get overwhelmed TinkerCAD is a simple CAD program, but is a very multifaceted design tool with many amazing features

# Now watch the following tutorials and complete the wrench and the block with holes. Be sure to ‘Create a New Design’ for both of the drawings.

# ‘Wrench’ - Getting Started in TinkerCAD: A Tutorial for Complete Beginners - <https://www.youtube.com/watch?v=60xfIu-lqAs>

# When you complete the tutorial change the name of your drawing to ‘Wrench’. It will automatically be saved for you in TinkerCAD and I can check on your work because you are part of our class.

# ‘Block with Holes’ - TinkerCAD Tip – Using the Ruler the Easy Way - <https://www.youtube.com/watch?v=domyL3PQd5k>

# Be sure to start with a new design and change the name of your drawing to ‘Block with Holes’. Again, it will automatically be saved for you in TinkerCAD and I can check on your work because you are part of our class.