

Tinkercad Summer Work for Form II Students

Please complete the following steps before you return for the 2024-2025 school year.

A. Joining the Class and Logging into Tinkercad

1. Go to <https://www.tinkercad.com/joinclass/9IVQ6B8QR>
2. Sign in with your Haverford school Google account (not with a nickname)

B. Complete the following TUTORIALS

(use this link: <https://www.tinkercad.com/learn> Links to an external site.)

Place It	View It	Move It
Rotate It	Size It	Copy It
Group It	Hide It	Creating Holes
Camera Controls	Die From Scratch	How to Create an Alien

You are then to complete **5 additional tutorials** that you find on the website you feel may help you when working in Tinkercad.

C. Lego Block Build

Your task is to make a replica of the Lego brick provided.

- From the main Tinkercad page, click on Tinker.
- Then, to the left, you will see **3D Design**. Click on 3D Design.
- Scroll down until you see **START TINKERING**. Click on START TINKERING
- Once on that page click on CREATE (top right corner).
- Once here, you should design and build an exact copy of the Lego provided. Make sure the measurements match (to the best of your abilities). The color of the block is not important. When we return, we will use our first Maker Space classes to check exact measurements and 3D print the bricks you made using Tinkercad. Then, we will see if they match a real Lego.

If you did not receive a Lego brick from Mr. Masso at the end of 7th grade or you “misplaced” the Lego brick given to you, then your Lego brick design should be a 2x2 block (no bigger or smaller).

D. CODEBLOCKS

- From the main Tinkercad page, click on Tinker.
- Then, to the right, you will see *CODEBLOCKS*. Click on CodeBlocks.
- Scroll down until you see GET STARTED.
- Start working on the tutorials.
- Complete:
 - Intro to Shapes
 - Moving Shapes
 - Rotating Shapes
 - Rocket to Mars
 - You are then to complete **3 additional tutorials** you find that may help you when working in Tinkercad CODEBLOCKS.

Email Mr. Masso (mmasso@haverford.org) if you have any questions.

Enjoy your summer.