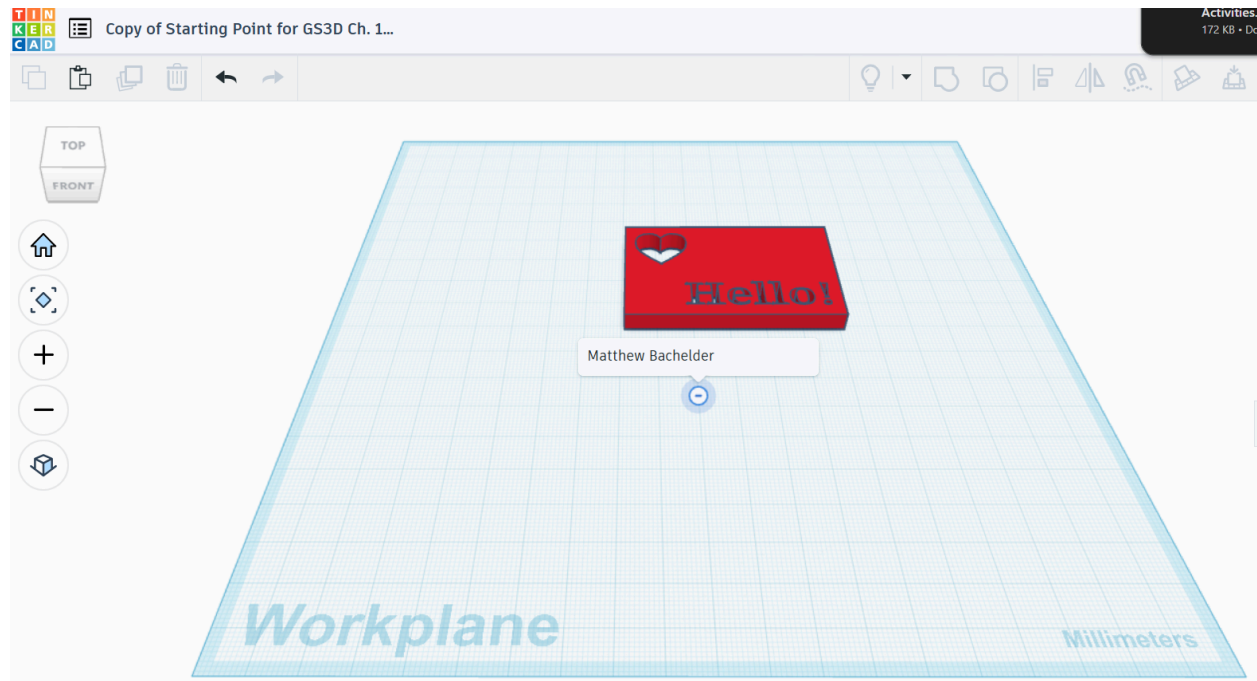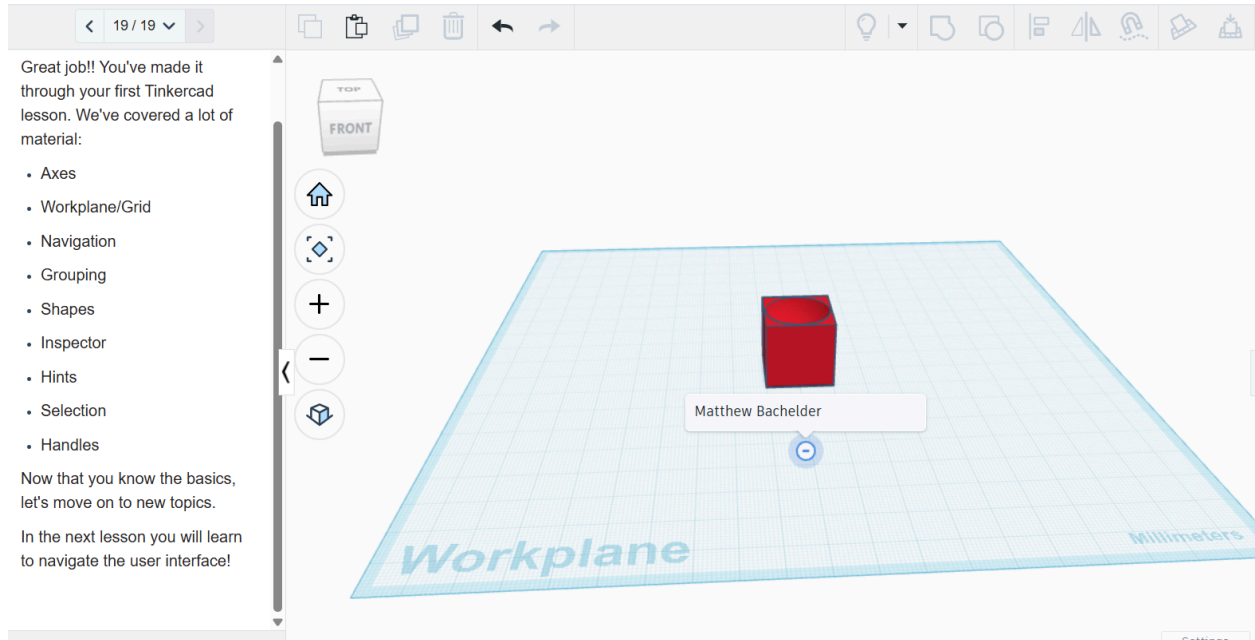# Basic 3D Modeling with Tinkercad

GS3D Chapter 10 Work-along
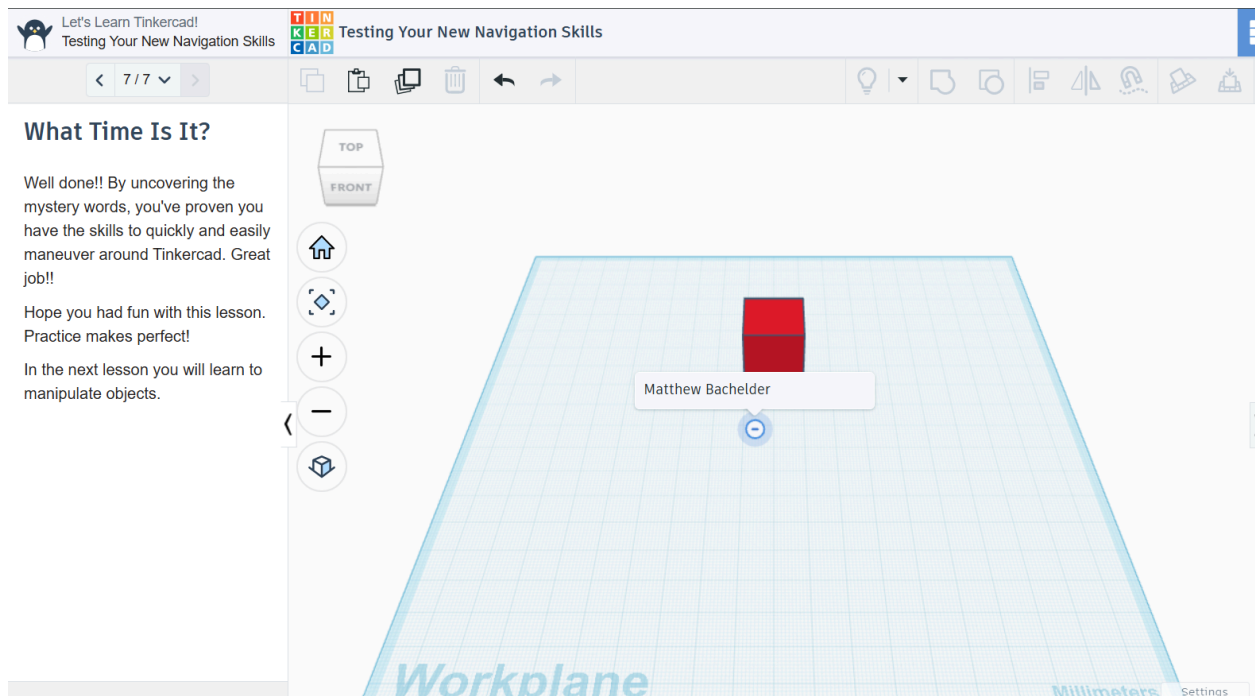
Let's Learn Tinkercad!
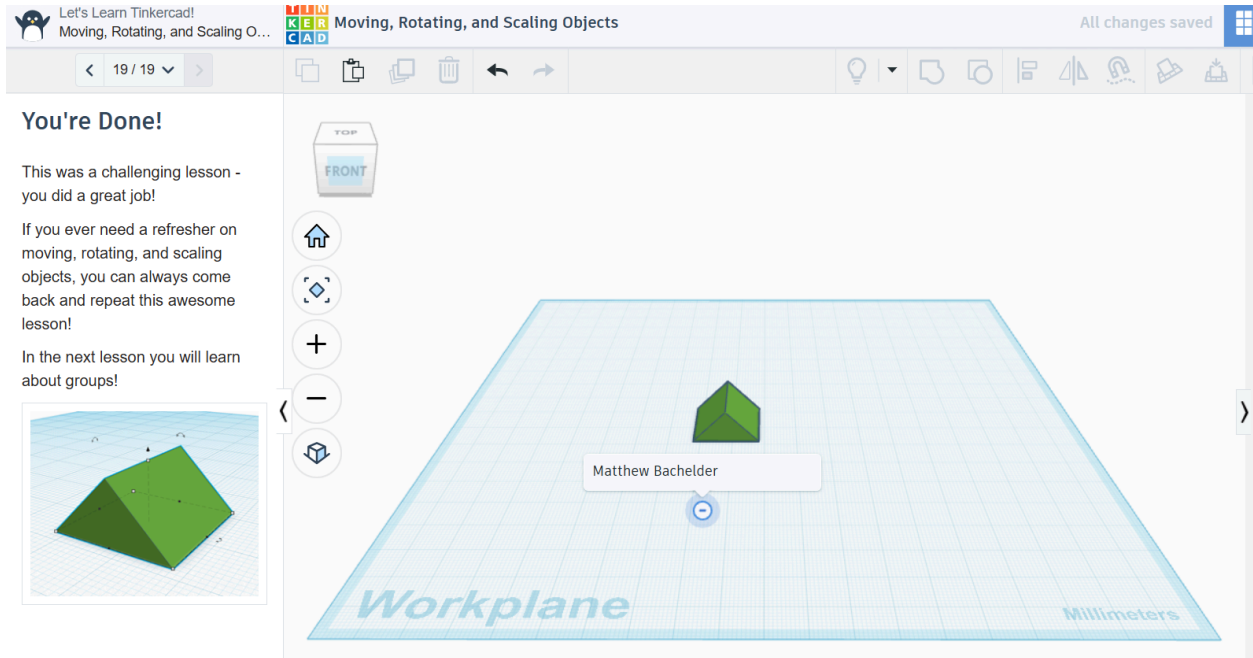
Getting Started - Navigation and Menus

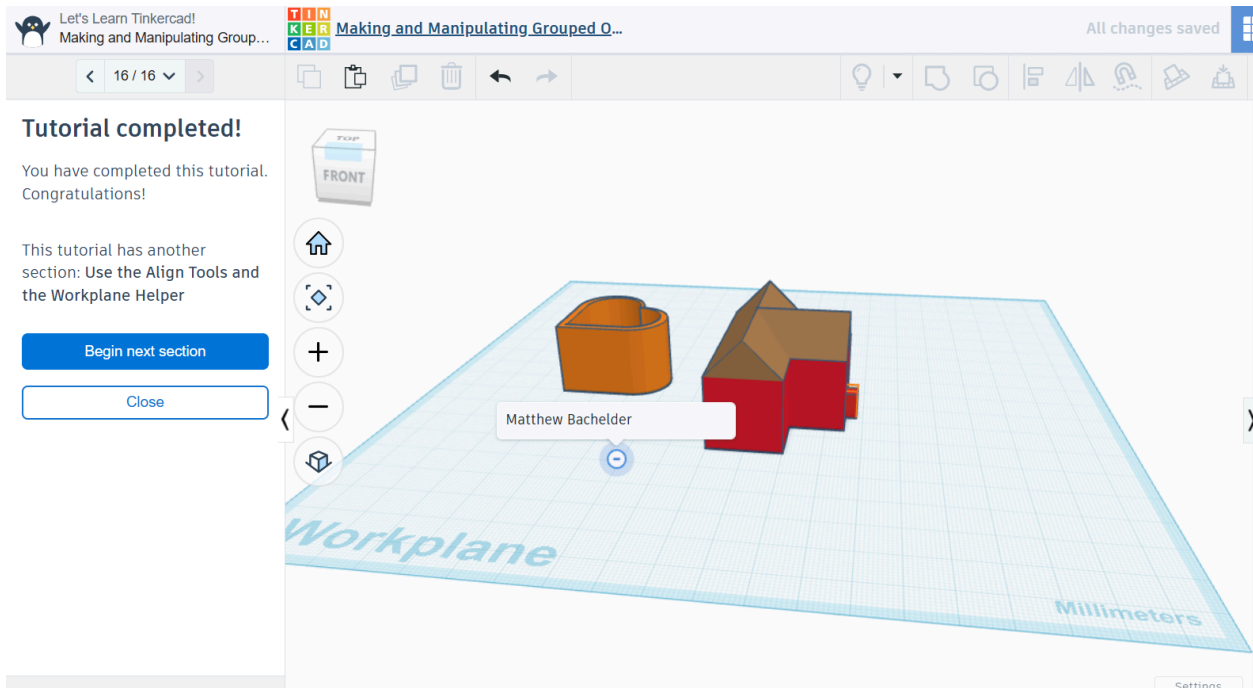Great job!! You've made it through your first Tinkercad lesson. We've covered a lot of material:

- Axes
- Workplane/Grid
- Navigation
- Grouping
- Shapes
- Inspector
- Hints
- Selection
- Handles

Now that you know the basics, let's move on to new topics.

In the next lesson you will learn to navigate the user interface!

Matthew Bachelder

Workplane   Millimeters

Settings

Testing Your New Navigation Skills

Let's Learn Tinkercad!
Testing Your New Navigation Skills

TINKERCAD
Testing Your New Navigation Skills

What Time Is It?

Well done!! By uncovering the mystery words, you've proven you have the skills to quickly and easily maneuver around Tinkercad. Great job!!

Hope you had fun with this lesson. Practice makes perfect!

In the next lesson you will learn to manipulate objects.

Matthew Bachelder

Workplane   Millimeters   Settings

Moving, Rotating, and Scaling Objects

Let's Learn Tinkercad!
Moving, Rotating, and Scaling O…

Moving, Rotating, and Scaling Objects

All changes saved

19 / 19

You're Done!

This was a challenging lesson - you did a great job!

If you ever need a refresher on moving, rotating, and scaling objects, you can always come back and repeat this awesome lesson!

In the next lesson you will learn about groups!

Matthew Bachelder

Workplane

Millimeters

Making and Manipulating Grouped Objects

Let's Learn Tinkercad!
Making and Manipulating Group…

Making and Manipulating Grouped O…

All changes saved

16 / 16

Tutorial completed!

You have completed this tutorial. Congratulations!

This tutorial has another section: Use the Align Tools and the Workplane Helper

Begin next section

Close

Matthew Bachelder

Workplane

Millimeters

Settings

Use the Align Tools and the Workplane Helper

Let's Learn Tinkercad!
Use the Align Tools and the Wor...

Use the Align Tools and the Workplan...

All changes saved

Printing Your Project

That was a fun project, now let's print it. What we're going to do now is explore the process of exporting your model for 3D printing.

1.

Download ✕

What to include?

◉ Everything in the design
◯ Selected shapes (you need to select something first)

Download an STL or OBJ of your design for 3D printing

.STL   .OBJ

Download a 2D SVG for laser cutting

.SVG

Instructions
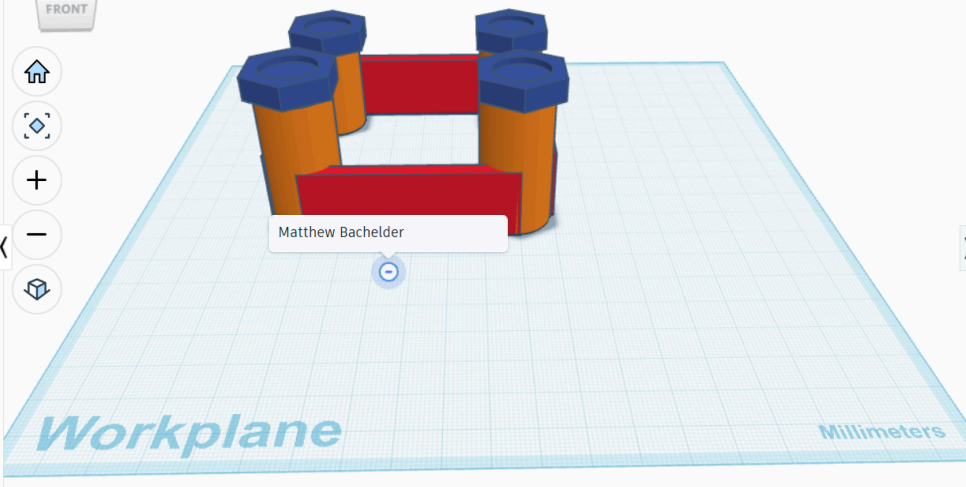
1. At the top, on the right side of the menu bar, click Export.

TOP
FRONT

Matthew Bachelder

Workplane   Millimeters

Settings