

Hey there, Creative Educators!

We're so excited to share this TinkerCAD resource guide with you. It's all about helping you bring hands-on, imaginative 3D design experiences right into your classroom. Whether you're just starting out with TinkerCAD or you're ready to dive deeper into digital design with your students, this document is packed with step-by-step guidance, practical tips, and fun activity ideas to support you every step of the way. TinkerCAD isn't just a design tool; it's a fantastic platform for sparking creativity, sharpening problem-solving skills, and encouraging exploration. Our goal is to make it super easy and meaningful for learners of all ages to integrate TinkerCAD into your lessons.

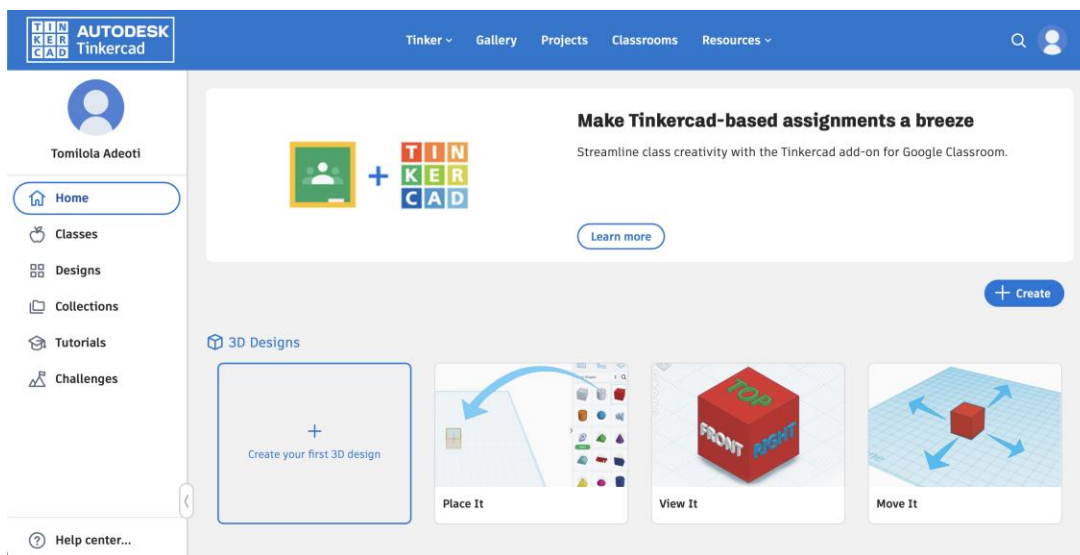
In this guide, we'll show you how TinkerCAD can boost classroom engagement and is easy to use. We've put this resource together to help you get the most out of it, maximizing student involvement while making your prep and implementation as smooth as possible.

Thanks for guiding the next generation of makers and thinkers. Let's start tinkering!

First, we are going to go over how to access the educators tab within TinkerCAD

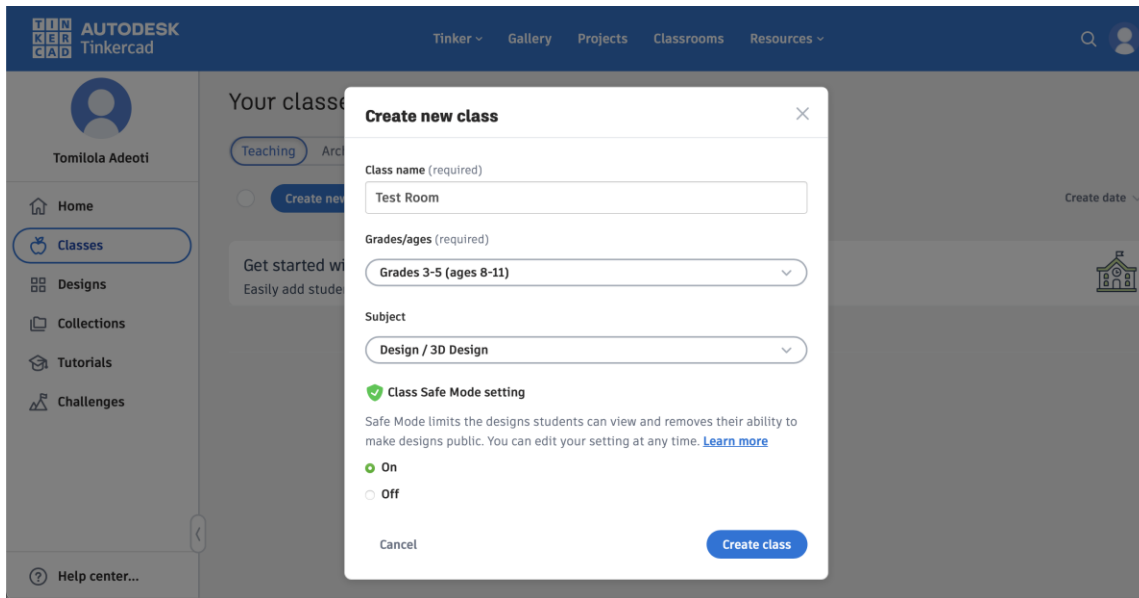
First when you get into <https://www.tinkercad.com/> in the top right-hand corner you will be given the log in and sign-up options. Either option is fine, once that screen pops up click on the educator's option and either make an account or sign in with google.

The TinkerCAD hub for educators will look like:



Next, you can create a class in TinkerCAD that your students can join using a special class code.

This is a great option because it allows students to access the class without needing to sign in with Google or create their own accounts. Click the classes tab to start making your class. Once you create the class, TinkerCAD will generate an access code that you can share with your students so they can join easily and start creating right away!



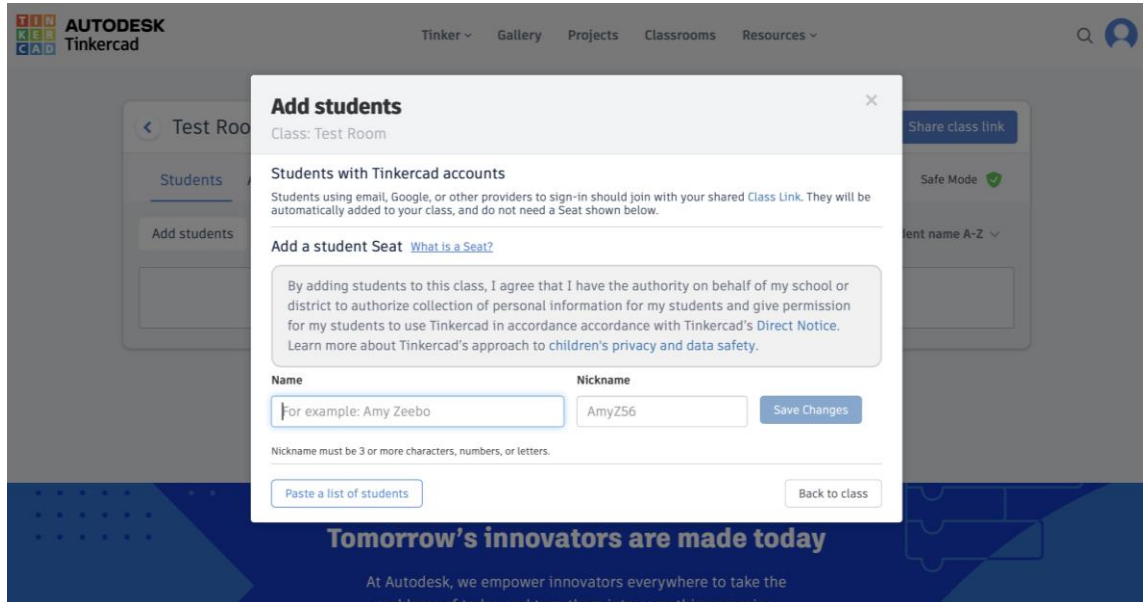
When creating your class in TinkerCAD, you'll have the flexibility to customize it to fit your needs.

You can create the class name, select the grade level, and set the subject area—be sure to select **Design/3D Design** for this activity. You'll also see an option to enable **Safe Mode**, which helps protect students from viewing community-created content. Don't worry—this setting can be turned on or off even after the class is created, so you can adjust it anytime based on what's best for your students. Then click the **“Create New Class”** button.

To add students to your TinkerCAD class easily, use the “Paste a list of students” option.

Click this button and simply paste your class roster into the provided space (Make sure the nickname isn't the name that is shown on the class roster). This could be done by using the first 4 letters and the last 4 letters to make the nickname. An example of an appropriate

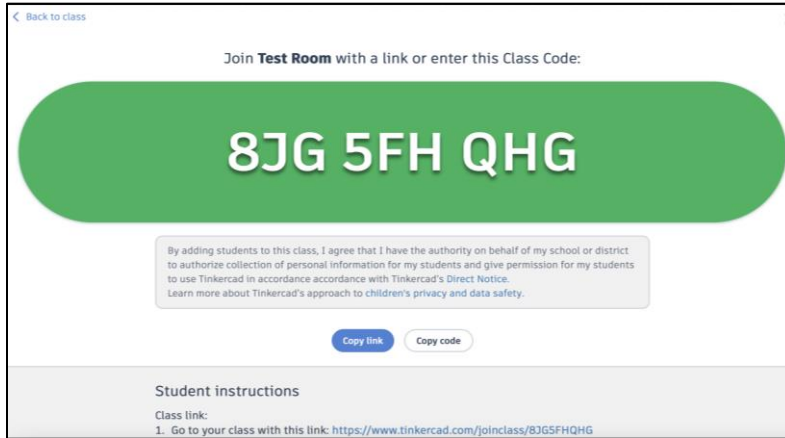
way to use this feature is Adam Sandler would be AdamSand. Make sure each student's name is on a separate line. This ensures that TinkerCAD creates a unique account for each student automatically. If you use this class list option, students will have to use that name to login to their account.



Finally, share the Class Code with the students.

After you set up the class you should have a class code on the top righthand side of the screen. You can click the blue **“Share class link”** button to get all the students in the class at once. If you have any other questions or need troubleshooting help, click this link provided by TinkerCAD <https://www.tinkercad.com/help/classrooms/official-guide-to-tinkercad-classrooms>. You can also click the link for a guide to connect the TinkerCAD to **Google Classroom**.

This is what the Class Link page will look like - This is a test code, do not use.



Thank You for Using Our Resource!