



# Tinkercad

Design and Coding

[Tinkercad](#) is a free application that allows students to engage in 3D designing and coding. This program is web-based only and can be accessed on PCs, Macs, iPads, and Android tablets.

## In the Classroom (Grades 1-12)

- Create 3D design
- Supports engineering and coding
- Students under 13 need parent/guardian approval to create an account

## Site Features

- Gallery of designs and circuits
- Blog for support
- Assistance for teachers and parents
- Learning section with ideas and examples of lessons and projects

## Getting Started

1. Go to <https://www.tinkercad.com/>
2. Select “Join Now” to create an account or “Sign in” if an account has already been created
3. Select “Teach” to get started by choosing your role
4. Review “Getting Started” and “Resources”

## Helpful URLs

- Tinkercad Tutorials: <https://www.youtube.com/channel/UCTXWXbEfezxpOQpDr3Bh7Xw>
- Tinkercad for Teachers: <https://www.tinkercad.com/teach>
- Tinkercad Blog: <https://blog.tinkercad.com/>

## Ideas for How to use Tinkercad in the Classroom

- How to Bring Tinkercad Into Your Classroom: <https://www.instructables.com/id/How-to-Bring-Tinkercad-Into-Your-Classroom/>
- Lesson Plans for Tinkercad: <https://www.commonsense.org/education/website/tinkercad/lesson-plans>
- How to Create a Tinkercad Classroom: <https://blog.tinkercad.com/2019/08/05/introducing-tinkercad-classroom/>