

Intro to 3D Design Class Syllabus

Class: Introduction to 3D Design (Beginner)
Teacher: Aiden Kang
School/Grade Level: Northview High School 11th
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Purpose: In this K-5 class we will cover the fundamentals of 3D modeling by mainly using Tinkercad's built-in tutorials and software to make basic project models such as cars, houses, and rockets. It is recommended that students have access to a personal computer and an external mouse to navigate the software and make the design process more user friendly. However, this class is a beginner class, so there are no requirements for background knowledge of 3D modeling.

Schedule: Classes will occur on Tuesdays from 1:30 PM to 2:00 PM.

Structure: Classes will mainly consist of a 10 minute introduction/lecture period where the topic of the day will be introduced, followed by a 20 minute work session where students will be guided through tutorials and receive help on their projects if necessary.

Tools: Classes will be conducted through Zoom, and meeting links will be posted the morning of the day of class on the Google Classroom that students will join. Any further resources will also be made available on the Google Classroom.

Itinerary:

Date:	Concept:
June 10	Tinkercad Set-up
June 17	Review of Tinkercad Interface
June 24	Tinkercad Tutorials Day 1
July 1	Tinkercad Tutorials Day 2
July 8	Tinkercad Tutorials Day 3
July 15	Creativity Project Day 1
July 22	Creativity Project Day 2

Note: Explicit homework will not be assigned, but students will be encouraged to familiarize themselves with the Tinkercad UI on their own time to more efficiently work on their projects.