

3D Design and Printing

1. Course Overview

Students will develop their knowledge and understanding of using a computer to produce 3D models, then go on to plan, practically develop, and evaluate their prototypes using 3D printers.

1.1. Course Detail

- Course Title: 3D Design and Printing
- Age: 7-8 years
- Type: Physical Class
- Room: Inventor Room
- Available Seat: 10 - 12
- Schedule: Saturday 09:30 AM - 11:00 AM
- Class Start: 30th September 2023
- Class Duration: 18 hours / 3 months

1.2. Course Layout

- Prerequisite: Comfortable with using a computer, keyboard, and browser
- Main Content
 - Major Project: 2 - 3
 - Presentation: 1
 - Lesson: 12

2. Learning Outcome

Student will learn:

- Gain a solid foundation in 3D design principles, 3D printing technology, materials, and processes.
- Develop critical thinking skills by brainstorming, designing, and iterating on their own unique 3D projects
- Collaborate with peers, share ideas, and present their completed projects to the class

