



PEN Education Centre
165 Cross Ave Unit 106 Oakville, ON L6J 0A9

Roblox Studio Summer Camp Beginner Roblox Game Design for Ages 9-13

Dates and Time:

July 18th - July 22nd 2022

8:00am - 9:00am Early drop off (\$16+tax/hour)

9:00am - 11:00am Roblox Class

11:00am - 12:00pm Outdoor Activities

12:00pm - 1:00pm Lunch Break and Rest

1:00pm - 3:00pm Roblox Class

3:00pm - 4:00pm Digital Arts Intro

4:00pm - 6:00pm Late pick-up (\$16+tax/hour)

Course Description:

In this 5 day summer camp, students will be introduced to the concepts of game design and development using the Roblox Studio. With more than 150 million users monthly, Roblox is the leading game development portal suitable for younger gamers. You will learn the basics of computer generated graphics (CGI), game design process, creating game assets (figures). You will create a simple game with your new knowledge.

LUA: The Computer language of Roblox

Lua is the programming language used for scripting on Roblox. Lua is a lightweight, high-level, multi-paradigm programming language designed primarily for embedded use in applications. Students in this camp will be introduced to Lua language for use in Roblox.

Course Content:

You will Learn how to:

- Create methods (functions) to add events and behaviors to their games.
- Use Roblox Studio to add buildings, objects, and characters to their games.
- Use loops, logic statements (if/then), and variables in their projects to create more interesting games.
- Publish their games to Roblox.
- Manage the safety features that controls access to their games
- Create basic 2D art and game graphics using Photoshop or Krita for their game environment
- Create basic 3D game assets (models) using Blender software

Safety: Parents - your child does not have to publish their game on Roblox. A game can be created in Roblox studio (a separate program) and remain private. Students can create and play their games without ever taking them online publicly.

A Roblox account is required for this program. An account is free and can be setup at <https://www.roblox.com/>

Camp Fees

- Full-day camp – \$475/week
- Early Drop-off and Late Pick-up – \$16 per hour billed in 15min intervals