



EDUPROPER

# TECHNOLOGY IN EDUCATION, FOR A BRIGHTER TOMORROW



php

ROBLOX

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



node.js

JS



B

CSS



HTML5



# PROGRAM

# OVERVIEW

Kids are curious and eager to explore the world around them. They like to learn by doing, playing, experimenting, and asking questions. They enjoy learning new things and discovering new possibilities. Learning is fun and exciting for kids, especially when they are supported and encouraged by their parents, teachers, and peers.

At EduProper, we are committed to delivering excellence in education and providing a range of benefits that enrich the learning experience. We believe that by offering free doubt-solving sessions, encouraging project sharing, fostering an entrepreneurial mindset, leveraging advanced technology, and providing school homework support, we can empower our students to reach their full potential and achieve success in their academic and professional pursuits.

We are a team of passionate coders who believe that learning to code is a skill that everyone should have. We want to make coding fun, accessible and engaging for learners of all ages and backgrounds. That's why we created such a curriculum, where you can find interactive courses, projects, challenges and games that will help your child master the most in-demand trending tools like AR & VR, AI & ML, Data Science and the core programming languages like Python, Java, C++, HTML, CSS, JS, React, SQL, NodeJS. Whether your child is a beginner or an expert, you will find something that suits your needs and interests.

Join us on this exciting journey as we transform education and empower learners to become tomorrow's innovators, problem solvers, and leaders. Together, let's unlock the infinite possibilities of learning with EduProper.



# CURRICULUM



01

## Introduction to Roblox

Learning Objectives: Creating a Roblox account, exploring the Roblox platform, and customizing the avatar.



02

## Exploring Roblox Studio

Learning Objectives: Navigating the Roblox Studio interface and understanding the basic tools



03

## Building the First Obby (Obstacle Course)

Create a basic Obby with at least three obstacles and checkpoints.



04

## Scripting Basics

Introduction to scripting with Lua. Write a script to make a platform move up and down when a player steps on it.



05

## Adding Interactivity

Design a door that opens when a player touches a button or steps on a specific area.





06

## Designing Game Mechanics

Creating game mechanics like jumping and collecting coins.



07

## Introduction to Team Create

Start a Team Create session and work with a partner on a mini-game.



08

## Roblox City Planning

Learn how to do city planning • Know how to do props creation



09

## Creating a Tycoon Game

Creating a Tycoon base, adding droppers, and implementing a currency system.



10

## Customizing Game Environment

Implementing decorations, lighting, and sound effects.





11

## Building a Maze Game

Build a maze game with a timer, where the player needs to reach the end as quickly as possible.



12

## Roblox Events

• Know how to set traps • Know how to use events • Able to destroy parts • Able to build a bridge



13

## Introduction to GUI (Graphical User Interface)

Creating UI elements like buttons and labels.



14

## Adding Leaderboards and Scores

Add a leaderboard to your maze game to display the fastest completion times.



15

## Creating a Racing Game

Create a simple racing game with checkpoints and a finish line.





16

## Advanced Scripting Techniques

Working with loops, conditional statements and functions.



17

## Advanced Scripting Techniques - 2

Exploring more advanced scripting concepts.



18

## Building an Obstacle Course Tycoon

Develop an Obby-Tycoon hybrid where players complete obstacles to earn money for their Tycoon base.



19

## Introduction to UI Animations

Creating smooth transitions and effects

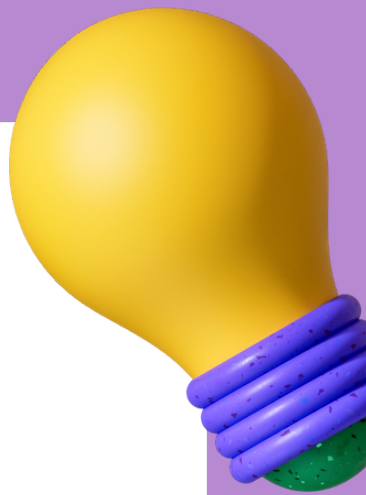


20

## Building a Shooter Game & Wrap Up

Polish and test your game with friends or other students.





*Congrats!*

**CERTIFIED**

**ROBLOX**

**CHAMPION**

