

# ROBLOX

Teacher Training for Students Ages 13+

# Roblox Education

[education.roblox.com](https://education.roblox.com)

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Contact

[education@roblox.com](mailto:education@roblox.com)



Dinosaur Simulator



# Accounts and Software

## Creating Accounts

If you don't have an account or Studio installed:

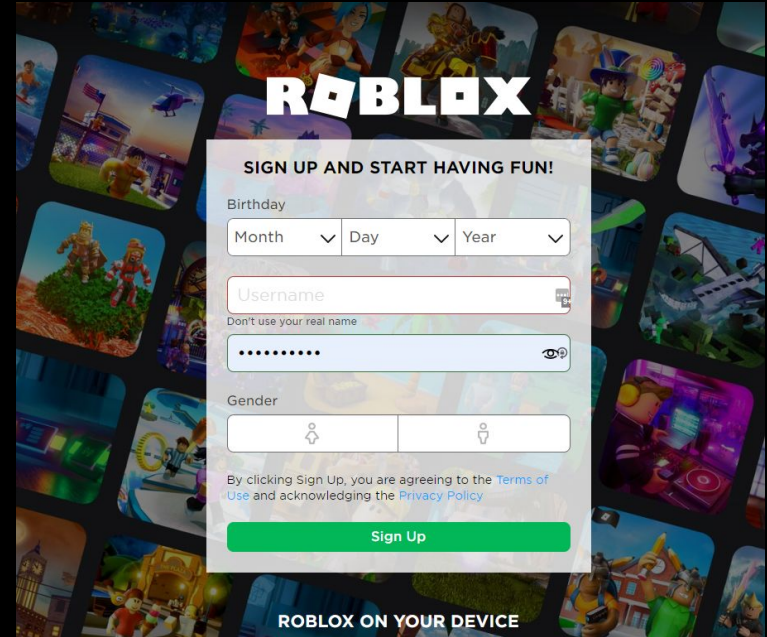
1. Go to [www.roblox.com](http://www.roblox.com) and sign up.

## Downloading Roblox Studio

1. Log in and go to: [www.roblox.com/create](http://www.roblox.com/create)
2. Click **Start Creating** to download Roblox Studio.
3. Allow Roblox to make changes to your computer.

## Requirements

- Mac or PC
- Recommended: 2 button mouse with scroll wheel



# Covering Today

1. Typical Topics
2. About Lua
3. Code Fundamentals
  - Events & Conditionals
  - For loops
4. Algorithms & Abstractions
5. Collaboration & Groups
6. Career and Portfolio development



# Types of Units

## Possible Topics

- Computer Science
- Intro to Game Development
- Development Pipeline
- 3D Arts
- Entrepreneurship and Branding
- UX and UI

## Duration of lesson

- As long as you want

**Questions?**

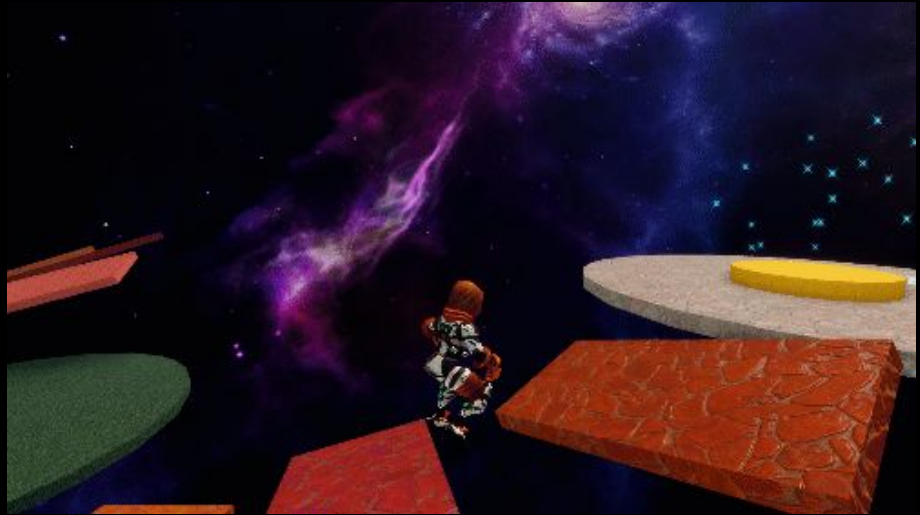
# About Lua

- **Typed syntax based language**
- **No white space concern**
- **Light weight and readable**

# Roblox Developer 101

## Teaching Remotely Page

- 5ish sessions
- Covers design and coding





**Questions?**

# Open Up Roblox Studio

Back to tutorial, follow along

- **Blue Icon** (ideal for homogenous devices and controlled settings)
- **Website-** (easier when a variety of personal machines are used)



Roblox  
Studio



Roblox Player

# Open Your Project

- **Remove Windows**
- **Toolbox**

# Code Fundamentals

## Properties & Strings

- **Create a new script**
- **Strings**
- **Testing**
- **Properties: Change the color of a block**

Typically ends first session of Game Developer

101

# Code Fundamentals

## Functions, Parameters, Events & Conditionals

- [Traps](#) - Functions and Parameters
- [Traps](#) - Conditionals



**Questions?**

# Code Fundamentals

## More Coding

- [Repeating tasks with for loops](#)
- [More Coding Fundamentals](#)

# Algorithms & Abstractions

## Roblox for AP CSP Classes

- Algorithms
- Abstractions
- Module Scripts - Object Oriented Coding





**Questions?**

# Collaboration for AP or Pipeline Classes

- **Team Create**
- **Groups**

# Roblox Groups

## Create A Group - 100 Robux

1. [Home](#) side bar > Groups
2. Create Group
3. Required: Group Name, Description, and Emblem
4. Set to Manual Approval
5. Purchase
6. Accept Members - Configure > Members

**Questions?**

# Career & Portfolio Development

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**Questions?**

**Lua Code Sample**

**Java Code Sample**