



GAME DEVELOPMENT LEVEL – 0 CURRICULUM



Session Plan Overview



S.No.	Session Name	Class Topics	Tool Used
1	Welcome to Roblox Studio – Your First Step into Game Creation	<ul style="list-style-type: none"> • Create a Roblox Account and Install Roblox • Make a Game Object • Moving and Scale of Game Objects • How to Install Plugins in Roblox Studio • How to Navigate Roblox Studio • How to Save and Publish to Roblox • How to Add Parts to Your Roblox • How to Use Models in Roblox Studio 	Roblox Studio
2	Build Your First World – Designing an Exciting Game Level	<ul style="list-style-type: none"> • Intro to ToolBox • Getting different type of assets from toolbox(3d Model , Sounds,FX,Skyboxes) 	Roblox Studio
3	Light It Up – Creating Mood & Atmosphere with Lighting	<ul style="list-style-type: none"> • Understanding Different Types of Lights in Roblox Studio • Adding and Adjusting Point, Spot, and Surface Lights • Using Environmental and Ambient Lighting for Atmosphere • Configuring Shadows and Brightness for Realistic Effects • Optimizing Lighting for Performance and Visual Appeal 	Roblox Studio
4	Create Stunning Landscapes – Terrain Design & World Building	<ul style="list-style-type: none"> • Basics of terrain tools • Draw, Sculpt and Smooth Tool • Use of Fill, Paint , Flatten Tool • Adding textures(Landmass - Water,Sand,Rock) • Creating realistic environments(Skyboxes) 	Roblox Studio
5	Code Your Game – Introduction to Lua Scripting	<ul style="list-style-type: none"> • Print Statement • Datatypes • Change the GameObject properties with the script • Create a Functions • Loops • While Loop • Function Return Values 	Roblox Studio
6	Smarter Coding – Mastering Functions in Lua	<ul style="list-style-type: none"> • Introduction to Functions and Their Uses • Creating and Calling Functions • Using Parameters and Return Values • Practical Examples (Reusable Code for Game Events) 	Roblox Studio
7	Design Like a Pro – Creating Game Menus & UI	<ul style="list-style-type: none"> • Introduction to UI elements: buttons, text boxes • Basic placement and customization • Create a main menu with buttons like Play, Settings, and Quit. 	Roblox Studio
8	Launch Your Game – Publishing & Adding Game Passes	<ul style="list-style-type: none"> • Checking the performance of the Game • Game Pass • Publish the Game 	Roblox Studio