

Python Playground (Beginner)

Virtual Camp

Monday, June 29 to Friday, July 3 (4-days)
10:00 AM to 12:00 PM

Please note that there is no camp on Wednesday, July 1 due to the Canada Day holiday.

Daily Schedule

10:00 AM	Virtual Room Opens
10:00 AM - 10:05 AM	Attendance
10:05 AM - 10:55 AM	Lesson and Activity Time
10:55 AM - 11:00 AM	Break
11:00 AM - 11:55 AM	Lesson and Activity Time
11:55 AM - 12:00 PM	Wrap Up

Daily Summary

Day 1

Monday, June 29 | 10:00 AM to 12:00 PM

Our Python adventure kicks off with a focus on creativity, coding, and staying safe online! Campers will start by exploring the basics of cybersecurity, learning how to protect their information like true digital detectives. Then, using the Engineering Design Process, they'll plan and code a personalized introduction using print statements. To wrap up the day, campers will take on their first mission—creating a spy-themed cover-up story that hides silly secret messages using input and output.

Day 2

Tuesday, June 30 | 10:00 AM to 12:00 PM

Campers will sharpen their detective skills as they dive into error-busting during *Operation Code Crunch*! They'll learn how to identify and fix common Python mistakes like syntax and value errors—gaining confidence with debugging and understanding data types along the way. After cracking the code, they'll put their skills to work by designing their very own chatbot disguised as a top-secret digital assistant. Using print statements, input, and conditional logic, their bots will respond to users and recognize hidden phrases.

Day 3

Thursday, July 2 | 10:00 AM to 12:00 PM

A test of endurance awaits for our programs, so campers will prepare by learning about loops, an essential way to build programs that are up to longer tasks. Campers will then take on the challenge of cracking a secure digital vault by building a number-guessing game using loops and conditionals—learning the power of repetition, logic, and persistence.

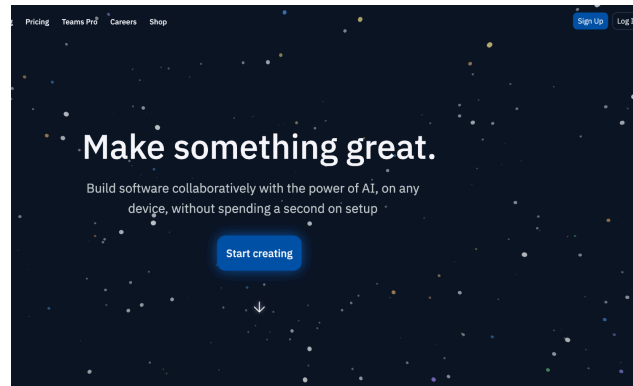
Day 4

Friday, July 3 | 10:00 AM to 12:00 PM

On their final day, Campers will kick off with an exciting Blooket review, uniting their knowledge of all coding concepts. Then, it's time to escape a high-tech underground base! Acting as secret agents, campers will use Python code to navigate a maze filled with traps and tricky turns. This action-packed finale blends storytelling, problem-solving, and programming to wrap up the week with excitement and confidence!

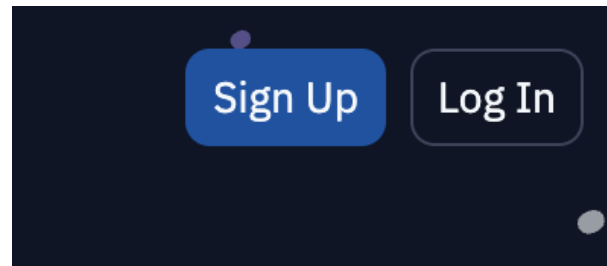
Getting Set Up in Replit

STEP 1: Click on the link: <https://replit.com/>. Once you have clicked on the link, your page should look like the figure below.



If you would like to set up a Replit account for your camper to save their work, continue from **STEP 2**. If you have already created an account and would like for your camper to be able to save their work, please click 'Sign in'. Otherwise, you can skip to **STEP 3**.

STEP 2: Click on "Sign Up". Fill out the required information until you get a message saying you have created your account. Once you have created an account, you can start a project.



STEP 3: Click on "Create Repl", this will start a project.

If a Green video pops up, click on the X where it says 'close' in the top right corner of the video.

