



EXPLORER • PYTHON FOUNDATIONS

Build the Foundation. Learn to Think Like a Coder.

6 Months • Weekly 60-Minute LIVE Class • Small Skill-Based Cohorts

Designed for students starting their coding journey: confidence first, real Python from day one, and progressive challenges without rushing.

100% LIVE

CODING GYM

PROJECT-BASED

AI-READY FOUNDATION

Strong foundations are essential to learning AI the right way.

Python first → build independently → debug confidently → create with AI later.



PROGRAM OVERVIEW

Six months. One confident coding foundation.

24 LIVE CLASSES

Approximately 24 weekly sessions
60 minutes each
Hands-on coding every week
Real-time instructor guidance

CORE PYTHON

Syntax → logic → loops → lists →
functions → structured programs

Concepts are reinforced, not rushed.

LEARN BY BUILDING

Mini challenges • Coding Gym • games •
utilities • debugging • capstone

Every concept becomes something
students can build.

OUTCOME

Students finish able to read, write, explain and debug Python — not dependent on copy/paste coding.



MONTHS 1-2

FOUNDATIONS + PROGRAMMING LOGIC

01 • PYTHON FOUNDATIONS

print() • variables • input/output • strings & numbers • operators • simple errors

Coding Gym: tiny challenges every class

02 • DECISION MAKING

if / elif / else • comparisons • Boolean thinking • nested choices • simple validation

Build: quiz, chooser and mini-game logic

GOAL Students understand how programs remember information, make decisions and turn ideas into working code.



MONTHS 3–4

LOOPS + DATA + DEBUGGING GYM

03 • LOOPS

for / while • range() • counters • patterns • repeated actions

Coding Gym: loop races + pattern challenges

04 • DATA

strings • lists • indexing • slicing • simple dictionaries • searching

Build: trackers, menus and scoreboards



DEBUGGING GYM

Find the Bug • Predict → Run → Fix • explain the error • live debugging • mystery broken programs

Later: “AI wrote this — can you fix it?”

GOAL Move from writing individual lines to controlling repetition, organizing data and fixing code with confidence.



MONTHS 5-6

FUNCTIONS + REAL PROGRAMS

05 • FUNCTIONS & STRUCTURE

functions • parameters • return values • reusable code • breaking a problem into smaller pieces • simple modules

Build cleaner programs instead of one long script.

06 • PROJECTS & CAPSTONE

files basics • exceptions • debugging • program design • GitHub basics • final Explorer capstone

Plan → build → debug → improve → present.

GOAL Combine the six-month skill set into an organized project the student can explain and proudly demonstrate.



LEARNING BY BUILDING

Not just syntax — Explorers build with Python.

Quiz & Challenge Apps

conditions • loops • scoring

Mini Calculators

input • math • validation

Text Adventures

logic • loops • choices

Simple Trackers

lists • dictionaries • files

Coding Gym

speed + confidence + repetition

Explorer Capstone

plan • build • debug • present

GitHub is introduced progressively so students learn to save, organize and present their work like developers.



EXPLORER CAPSTONE

One destination. Different student ideas.

HOMEWORK BUDDY

Track assignments • choose subjects • simple reminders • progress summary

Great for combining conditions, lists and functions.

ADVENTURE GAME

Choices • score • inventory • levels • replay logic

Great for students who love games and storytelling.

MY OWN IDEA

Student proposes an idea, scopes it with Ankit, builds a realistic Explorer version and presents it.

The capstone is not about making every child build the same project. It is about proving they can use the same core skills independently.



WHAT COMES NEXT

Explorer is the foundation — not the finish line.

1 • EXPLORER

Build confidence
Python fundamentals
Coding + Debugging Gym
Explorer capstone

2 • BUILDER

Deeper Python
Larger programs
APIs + automation
More independence

3 • CREATOR

Advanced builds
AI applications
Workflows + agents
Portfolio projects

Recommended path: Python foundation first. Students with prior experience can take a readiness assessment for placement.

Know where your child stands in the age of AI → thinkpythonai.com/will-ai-take-my-kids-job



THINKPYTHONAI YOUNG CODERS

From “I’m learning Python” to “I built this.”

EXPLORER • 6 MONTHS • LIVE • SMALL COHORTS

**Weekly coding • Coding Gym • Debugging Gym • projects • GitHub
• final capstone**

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THE EXPLORER PROMISE

We do not rush.

We build confidence through small wins.

Students learn to write, understand and debug their own code.

Then they are ready to build bigger — and eventually build with AI.

Strong foundations are essential to learning AI the right way.