

Explorers

Summer AI Camp 2026

FULL CURRICULUM GUIDE

AI EXPLORERS

Ages 10 – 13

Scratch · Canva AI
Teachable Machine

11 AM – 12 PM ET

AI BUILDERS

Ages 14 – 17

Python · Gemini API
GitHub · Colab

1 PM – 2 PM ET

Builders

Camp Overview

10 days · Live on Zoom · Mon – Fri · Max 10 students per group

AI Explorers — Ages 10 to 13

Ages	Ages 10 – 13 (Grades 5–8)
Tools	Scratch · Canva AI · Teachable Machine
ET time	11:00 AM – 12:00 PM
PT time	8:00 AM – 9:00 AM
Format	Live Zoom · Recorded · Max 10 students

AI Builders — Ages 14 to 17

Ages	Ages 14 – 17 (Grades 9–12)
Tools	Python · Gemini API · GitHub · Colab
ET time	1:00 PM – 2:00 PM
PT time	10:00 AM – 11:00 AM
Format	Live Zoom · Recorded · Max 10 students

How every session runs

Warm-up	Quick review of yesterday + preview of today's goal. Everyone in the zone.
Live demo	Amruta builds something on screen — students watch, ask, and react.
Build time	Students build it themselves. Guided step-by-step, not copy-paste watching.
Share moment	Every child shows what they made. Feedback, celebration, and questions.

What every child walks away with

Their own finished project
A real AI creation they built themselves — not a tutorial they followed.

Certificate of Completion
Named and dated from Ruvion Digital Academy. Top performers receive the Outstanding Innovator Award.

Public GitHub portfolio (Builders)
A live repository with README, screenshot, and demo link — real credentials for university applications.

Demo Day recording
A full recording of their live presentation to parents on Day 10, theirs to keep.

AI Explorers

Ages 10 – 13 · Grades 5 – 8 · Scratch · Canva AI · Teachable Machine · No experience needed

WEEK 1 — LEARN AND BUILD

1

Welcome to AI World

What AI really is — and what it isn't

THEY BUILD

First animated Scratch project — their very first AI creation on Day 1

2

Storytelling with Code

Sequences and events in Scratch

THEY BUILD

2-scene animated story with movement, sound, and multiple characters

3

Game On

Loops and conditions — making things happen repeatedly and conditionally

THEY BUILD

The AI Catcher game begins — a real working game in Scratch

4

Level Up

Timer, win/lose conditions, and sound effects

THEY BUILD

Complete, fully playable AI Catcher game — finished, scored, and shareable

5

Meet Your AI Hero

Designing a camp character with Canva AI image prompts

THEY BUILD

Hero, sidekick, and villain created using AI — this character reappears in the Day 9 final project

WEEK 2 — AI MEETS CODING

6

Teach the Computer

Machine learning with Teachable Machine

THEY BUILD

Gesture-controlled ML model that recognises their own hand gestures and responds inside Scratch

7

Chat with AI

How chatbots work — and how AI gets things wrong

THEY BUILD

Scratch chatbot + AI fact-checking mini-game

8

Digital Safety

Deepfakes, manipulation, and how to spot them

THEY BUILD

Deepfake detector quiz game — learning AI ethics through hands-on play

9

Final Project Build

Bringing everything together for Demo Day

THEY BUILD

Complete showcase project featuring their Day 5 AI Hero — every skill from the camp combined

10

Demo Day

Live showcase — parents join on Zoom to watch

THEY BUILD

Live presentation to parents · Ruvion Certificate of Completion · Project showcase link

AI Builders

Ages 14 – 17 · Grades 9 – 12 · Python · Google Colab · Gemini API · GitHub

WEEK 1 — CODE AND EXPLORE

1

Welcome to the AI Lab

Python and Google Colab — setting up their professional workspace

THEY BUILD

Digital business card in Python — first running code on Day 1

2

Python Foundations

Loops, functions, and conditions — the building blocks of every AI app

THEY BUILD

Smart guessing game in Python with logic, hints, and win/lose state

3

AI-Assisted Coding + Prompt Engineering

Using ChatGPT as a coding partner — techniques that actually work

THEY BUILD

AI-assisted quiz app + a personal prompt toolkit they keep and use beyond camp

4

Build Your First AI Agent

Goal Tools Result — how AI agents reason and act

THEY BUILD

Python AI agent that takes a goal and delivers structured results using Gemini

5

Call AI from Python

Text and image generation via the Gemini API

THEY BUILD

App that writes a story and generates AI image prompts — two AI modalities in one project

WEEK 2 — BUILD AND SHIP

6

Visual ML

Teachable Machine for Builders — image and gesture classifiers with code

THEY BUILD

Image/gesture classifier with accuracy analysis and Python export option

7

Build Your AI App — Part 1

Choosing the product, designing the core logic

THEY BUILD

Start of a real AI SaaS: homework helper, study buddy, flashcard maker, or interview coach — student's own choice

8

Build Your AI App — Part 2

Features, memory, personality, and polish

THEY BUILD

Fully featured app with conversational memory, personality, and polished UX — portfolio-ready from Day 8

9

Responsible AI + GitHub Portfolio

Ethics, bias, deepfakes, and publishing real work

THEY BUILD

Public GitHub repository with README, screenshot, and live demo link — real credentials for university applications

10

Demo Day

Founder-style pitch + live demo + certificate

THEY BUILD

Structured presentation to parents: Problem Solution Live Demo What AI did What I built · Ruvion Certificate + GitHub link

Ready to Enrol?

Batch 1 — July 6 to 17, 2026 · Max 10 students per group · Live on Zoom

Get in touch

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Website	summercamp.ruviondigitalacademy.com

Full refund guarantee

Cancel up to 7 days before Batch 1 and receive a 100% refund. No questions asked.

This curriculum is designed and taught by Amruta — not a roster of part-time tutors. Every student is known by name by Day 2. If you have questions about whether this is the right fit for your child, WhatsApp me first. I genuinely love talking with families before they enrol.

— Amruta · Ruvion Digital Academy