TechWave Labs

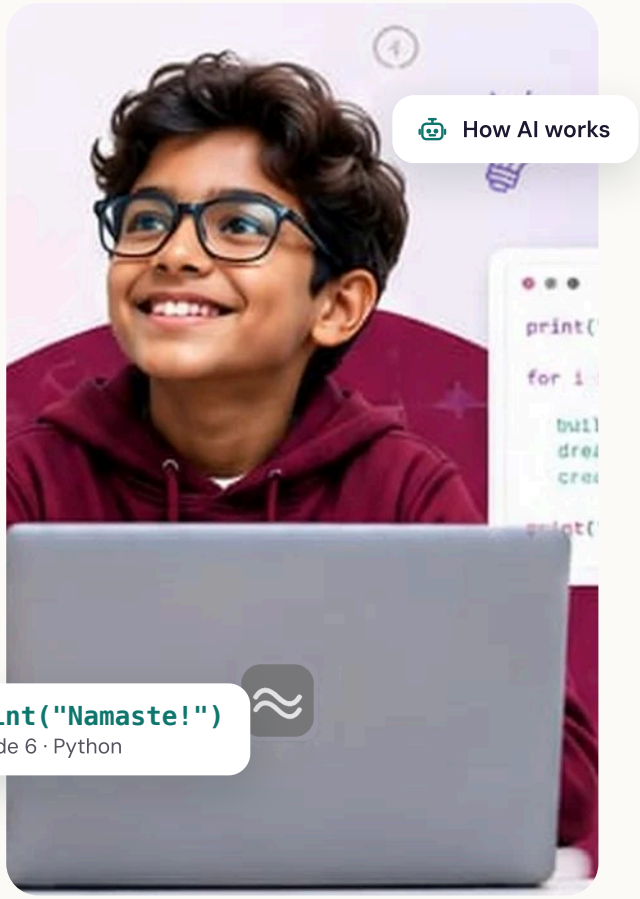
FOR EVERY SCHOOL, GRADE 1 TO 12

The future is *not waiting.*

Prepare every student for the world ahead with hands-on coding, AI, maths through code and wellbeing support, all in one school platform.

Book a school pilot

- Runs in any browser
- Your teachers, trained by us
- DPDP Act 2023 ready



408	174	372	21	90
weekly lessons	NCERT maths chapters	AI starter projects	wellbeing skills	coding problems in CodeBattles



A school implementation booklet from **TechWave Labs**, by **Indrashikha Educational (OPC) Pvt Ltd**. Screens are from the live platform.

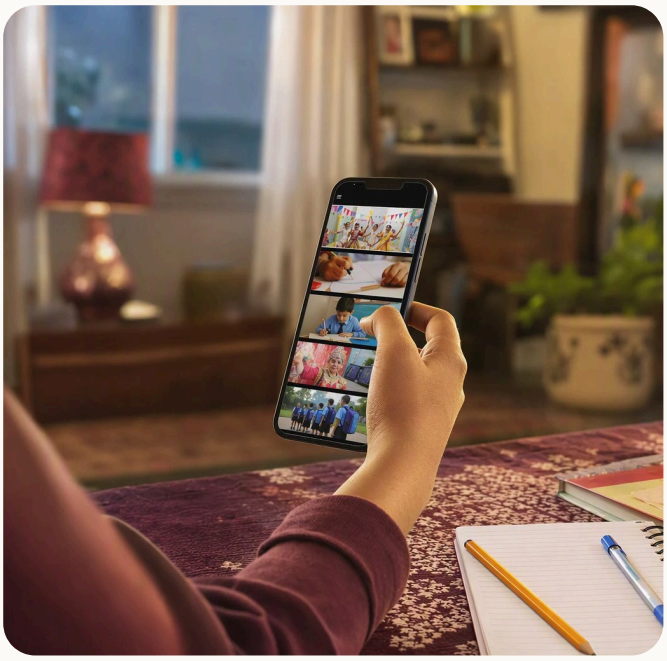
01 · THE QUESTION

Are we preparing students for the world *they will enter?*

Students use technology every day. Far fewer learn to understand it, build with it and question it. That gap is in our systems, not in our teachers.



Many school labs still run ageing machines and an old syllabus.



Phones are everywhere, but scrolling is not building.

38%

of an Indian worker's core skills will change between 2025 and 2030

WEF Future of Jobs 2025

57%

of Indian schools had a computer in 2023-24; Delhi 100%, Bihar 20%

UDISE+ 2023-24

4×

as many employers call analytical thinking core as call programming core

WEF Future of Jobs 2025

The policy is already written. NEP 2020 asks for coding and computational thinking for every student. CBSE brings Computational Thinking and AI to Classes 3 to 8 from 2026-27.

02 · THE ANSWER

Not just learning about technology. *Learning to build with it.*



CodeShaala

408 weekly lessons, Grades 1 to 12. Unplugged first, then blocks, then real Python.

CoderLand

NCERT maths for every grade, learnt by writing the method as code.

CodeBattles

90 problems for Grades 5 to 12, and a contest every evening.

CodeShaala AI

Describe a game or tool and watch it get built. 372 starter ideas.

CodeShaala SI

How AI works inside: train a tiny model, write rules for a robot.

YourSpace

A private wellbeing space with 21 coping skills, in Hindi and English.

Mapped by us to NEP 2020 and CBSE curricula (CT & AI, AI 417, CS 083, IP 065). Nothing to install.

03 · THE ROADMAP

One journey. *Different stages.*

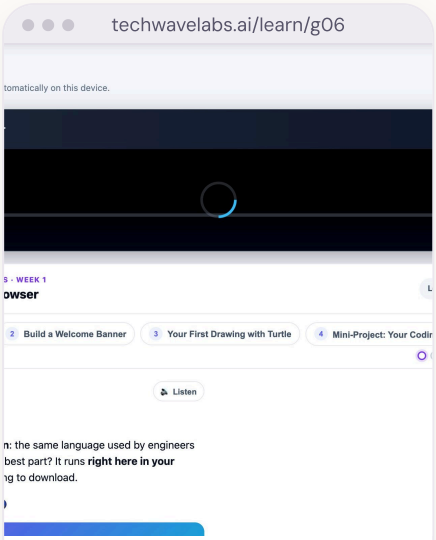


CLASSES 1 TO 4

Think like a computer

Unplugged games, block mazes and first Python drawings. CoderLand maths, chapter by chapter.

Makes: Tabla Tap Party

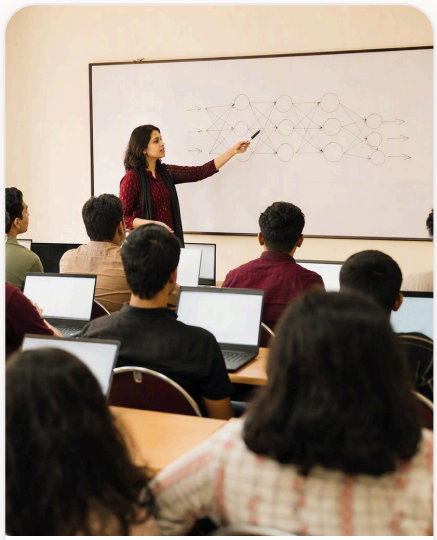


CLASSES 5 TO 8

Build real things

Real Python, functions and mini-apps, CodeBattles contests, training a first model in SI.

Makes: Secret Code Wheel



CLASSES 9 TO 12

Create with AI

An AI project, a tiny GPT in SI, CS foundations and a board capstone.

Makes: Doodle Digit Guesser



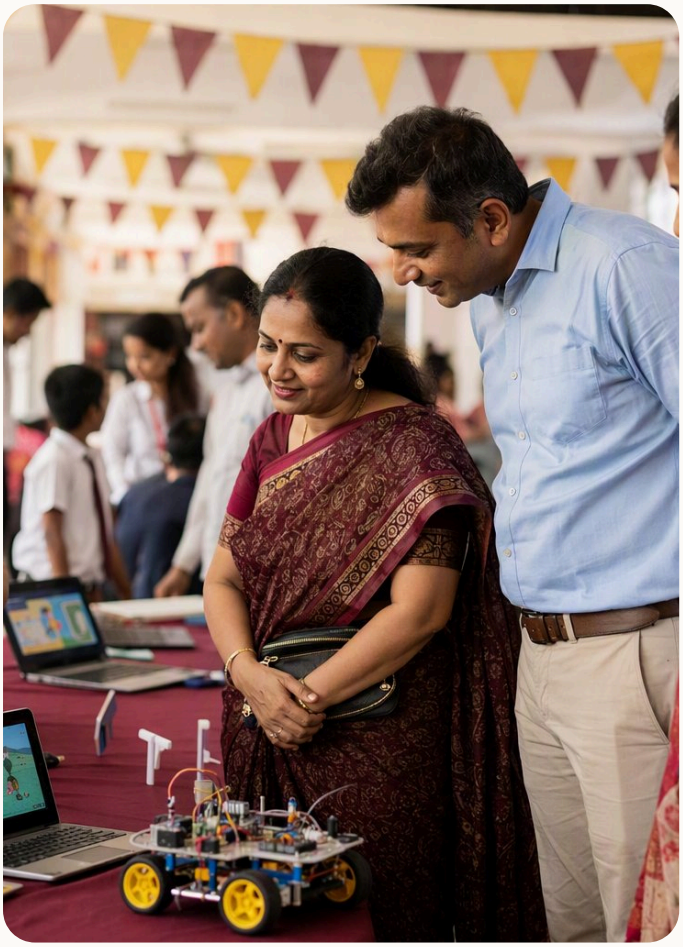
AFTER CLASS 12

Ready for what comes next

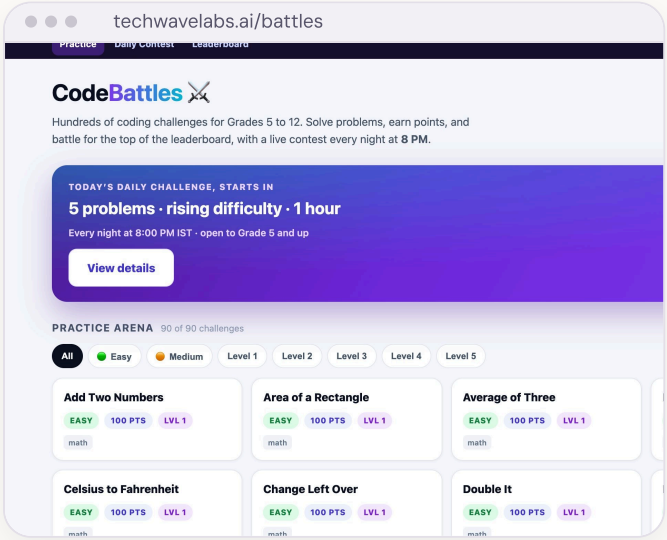
Students leave with a portfolio of AI builds they keep as files, a board capstone and the CS foundations to carry into college and work.

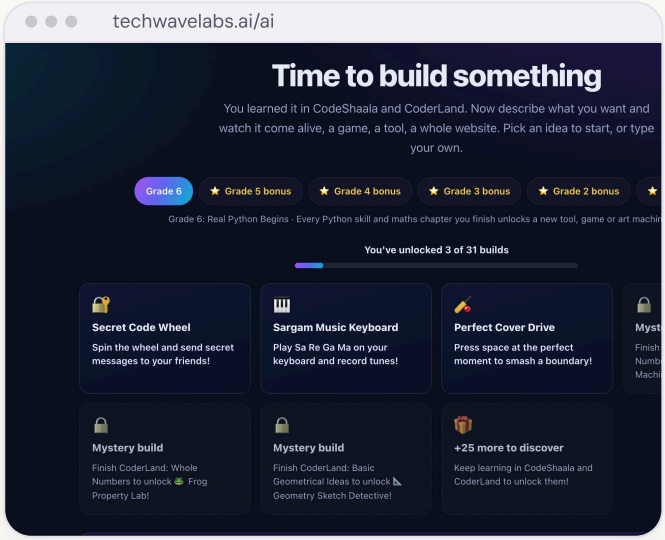
04 · VISIBLE OUTCOMES

Don't just teach skills. *Make learning visible.*



- **Projects children can show**
  Every AI build opens full screen and saves as a file the child keeps.
- **Progress you can see**
  A completion summary for each student, for every teacher.
- **Stars and badges**
  For each finished day and week.
- **School leaderboards**
  In CodeBattles, first name and initial only.
- **A free school website**
  Your own page to share news with parents.
- **Wellbeing, without names**
  YourSpace shows anonymous class trends only.

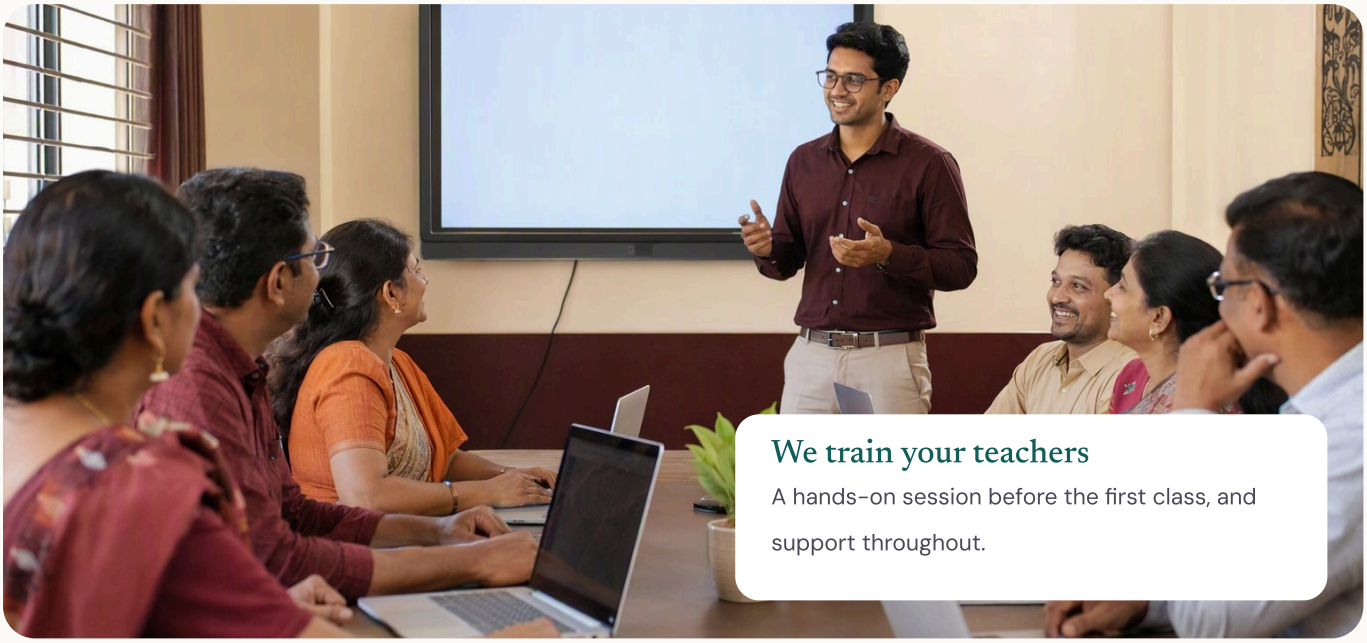




Honest note: TechWave Labs is at the pilot stage, and we do not yet have learning-outcome data from schools.

05 · IMPLEMENTATION

Designed to fit *into your school.*



How will it fit our timetable?

Each weekly lesson is split into short day pages that fit normal lab periods. We plan the schedule with you.

Will it add to teachers' work?

We train your own teachers. Code is checked automatically, and an AI Help chat answers coding questions.

We have few computers.

Any modern browser on laptops or tablets. On 8 machines, a class of 40 can rotate in groups of five.

Do we need internet?

Yes, to load lessons. We check your lab's connection with you before day one.

How are students set up?

Upload a list of up to 500. Children sign in with a school code, username and 4-digit PIN.

What about parents and data?

Your school confirms parental consent first. No ads, tracking or profiling of children.

One 40-minute lab period · our suggested pattern

5 min	10 min	20 min	5 min
Story	Predict and run	Make, in groups	Share

06 · BEFORE YOU DECIDE

See it. Experience it. *Then decide.*



DURATION
2 to 4 weeks

SCOPE
Classes you choose

PORTALS
Lessons, maths, contests, AI, SI

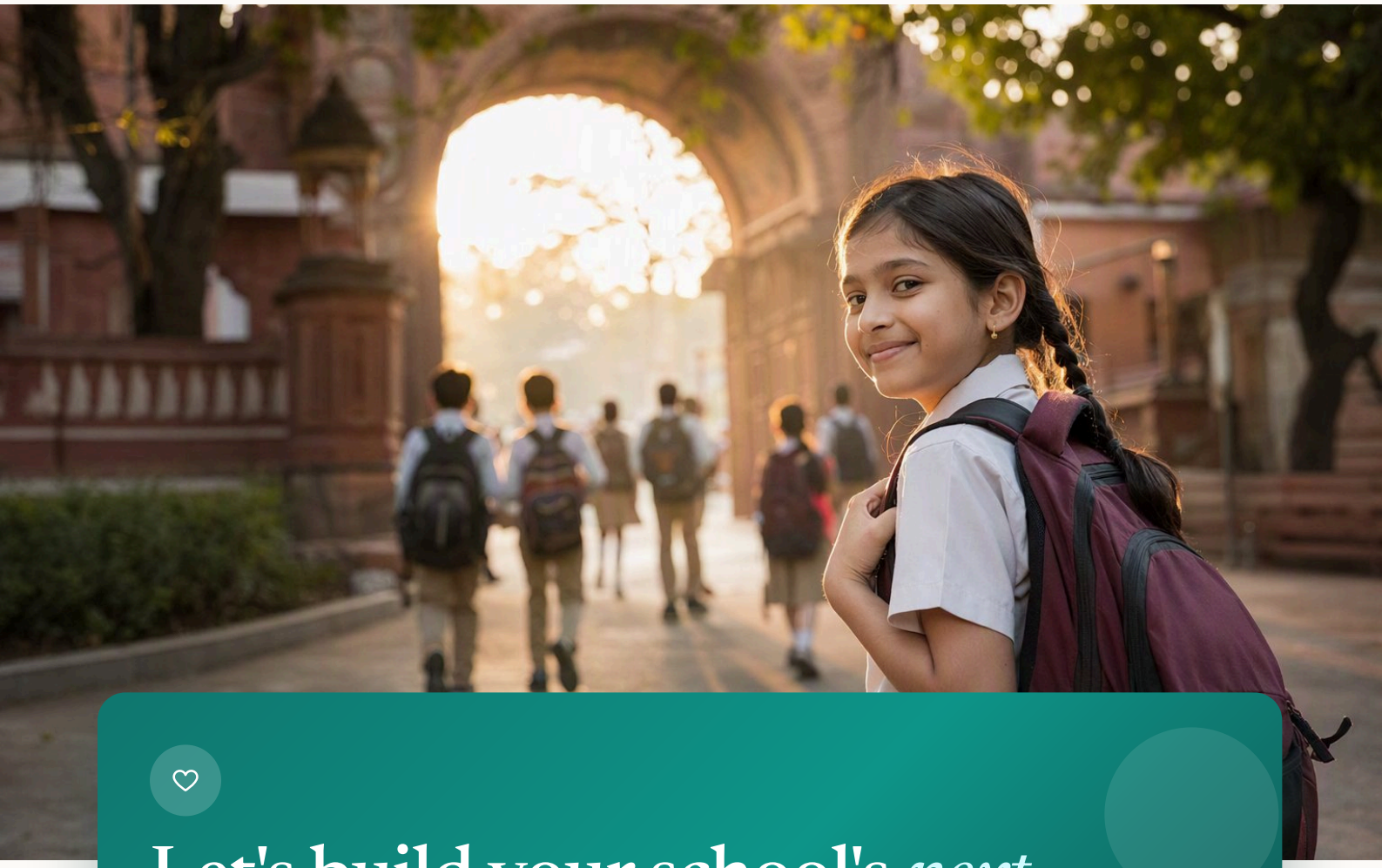
Your school	TechWave Labs
Name a pilot coordinator and the classes	Set up all school, teacher and student accounts
Give lab time and a working connection	Check the lab's connection with you before day one
Confirm parental consent; share the student list	Train your teachers and support them through the pilot
Name a safeguarding lead before YourSpace is switched on	Keep YourSpace off until then, and explain how alerts work

How we judge it together

Sign-ins | Lessons completed per class | SI progress | Teacher feedback

At the end, students can download or delete their data. School student data is otherwise deleted 90 days after the agreement ends.

TechWave Labs



Let's build your school's *next chapter.*

1

Schedule a discussion

Thirty minutes with your leadership team.

2

See a demonstration

Your teachers try the lessons themselves.

3

Agree a pilot plan

Classes, dates and how we will judge it.

Scan for the schools page

contact@techwavelabs.ai

techwavelabs.ai/schools

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