

Computational Thinking and AI: what the training theme asks of a school in 2026-27

CBSE has named Computational Thinking and Understanding Artificial Intelligence as its teacher-training theme for 2026-27. This guide sets out, in plain words, what that asks of a school this year, and a way to run a twenty-five-hour programme for teachers inside the CPD year, on the school's own calendar.



For principals, vice-principals,
academic coordinators and trustees.
Forward it to whoever keeps the
CPD record.

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READ THE ORIGINALS

CBSE Notification TRG-02, 09 April 2026 — Training Theme for Year 2026-27

https://www.cbse.gov.in/cbsenew/documents/Notification_CT_AI_2026_27_09042026.pdf

CBSE CPD Guidelines 2025 (TRG-02/2025, 01 April 2025)

https://www.cbse.gov.in/cbsenew/documents/CPD_Guidelines2025_01042025.pdf

Also referenced, and linked where used:
CBSE CT & AI Curriculum, Classes 3–8
(2026-27) · CBSE Guidelines 2026 —
District Level Deliberations on CT & AI.
Read from the source documents on 20
August 2026.

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■ 01 · THE THEME

What the theme asks of a school in 2026-27

Each year CBSE names one training theme and asks schools to build teacher capacity around it. For 2026-27 the theme is **Computational Thinking (CT) and Understanding Artificial Intelligence (AI)**. It comes with seven sub-themes, quoted here as CBSE lists them.

1. Foundations of Computational Thinking (CT) and AI Readiness
2. From Play to Abstraction: Progressive Pedagogy for Computational Thinking
3. Mathematics as the Cornerstone of Computational Thinking and AI

readiness

4. Interdisciplinary Connections: CT across Subjects at Middle Stage
5. AI in Real-World Contexts
6. Assessment and Pedagogy in CT and AI
7. Ethics and Responsible use of AI

In plain words, three things are being asked of a school this year

1. **Teachers who can teach CT and AI inside their own subjects.** For Classes 3–5 the CT & AI curriculum puts computational thinking into Mathematics and The World Around Us, taught by subject teachers with worksheets, about 50 hours a year; for Classes 6–8 it runs across the subjects with an introduction to AI literacy, taught by subject and computer

teachers together, about 100 hours a year.

2. **Activity-based teaching and continuous assessment.**

Puzzles, structured problems, projects, demonstrations, discussions and reflective exercises in class; assessment that moves from purely summative work towards continuous, formative, competency-based work — problem-solving tasks, project work, reflective journals, teacher observation, rubrics.

3. **A stated position on ethics, and a choice of tools.** Digital footprints, bias, privacy and fairness in AI systems are explicit in the curriculum, and Ethics and Responsible use of AI is a sub-theme of its own. The curriculum

is platform-agnostic: the school chooses its tools, and free and open-source tools are recommended.

Seven questions to put to any vendor about a child's data

From the leadership session on page 7. Put them to any vendor, PrepGraph included; our answers are in writing, as part of the school agreement.

1. What student data do you collect, and for what stated purpose? Is anything collected that the purpose does not need?
2. Who is the data fiduciary for student data — the school or you? What does the agreement say?
3. How is verifiable parental consent obtained and recorded, and how can a parent withdraw it?
4. Where is the data stored, who can access it, and is it ever shared with third parties or used for advertising?

5. How long is data kept, and how does the school have it deleted when the agreement ends?
6. If there is a breach, who is told, and within what time?
7. Can a teacher see what the AI told a student? Who has the last word when the AI is wrong?

Sources: CBSE Notification TRG-02, 09 April 2026 · CBSE CT & AI Curriculum, Classes 3-8 (2026-27) –

https://cbseacademic.nic.in/web_material/CurriculumMain27/CTAI_Pri_2026-27.pdf

■ 02 · THE CPD YEAR

The 50-hour CPD year, and where the school- based hours come from

Under CBSE’s CPD Guidelines 2025, every teacher does 50 hours of professional development a year. Half comes through CBSE or Government training; the other half is organised by the school, and that school-based half is split across three domains.

DOMAIN	SCHOOL - BASED HOURS	TOTAL ACROSS BOTH HALVES
Domain I · Core Values and Ethics	6	12

DOMAIN	SCHOOL - BASED HOURS	TOTAL ACROSS BOTH HALVES
Domain II · Knowledge and Practice	8	24
Domain III · Professional Growth and Development	11	14
All three domains	25	50

Three things in the guidelines to plan around

- **The school keeps the record.** Schools update their training records on the OASIS portal and keep them for verification.
- **Domain-III hours can come from developmental tasks.** Classroom research, mentoring fellow teachers, reflective journals and

integrating technology into teaching count under Domain-III, up to the 11 hours the domain carries.

- **“Use of Artificial Intelligence in Classrooms” is a listed topic.** Annexure-II of the guidelines names it among the school-based training topics: one day, 6 hours, Domain 2 (STEM).

**Three CT & AI activities
CBSE suggests for the
year, with their CPD hours**

**District Level Deliberations on CT &
AI — a one-day offline workshop**

Hosted by a volunteering Lead School through the Sahodaya complex or a group of willing schools: teachers present case papers on their own CT & AI practice, in Format F1, before an

Appreciation Committee. School-based CPD under Domain-II: 6 hours.

Expert-led talks on CT & AI in schools – half a day

Hosted by a Lead School, online or offline, with the internal or external experts the school invites, on any sub-theme. School-based CPD under Domain-II: 3 hours.

Regional workshops and orientations on CT & AI

Run by CBSE Centres of Excellence, with online registration and a ₹700 fee; schools nominate teachers.

Board-conducted CPD under Domain-II: 6 hours.

For the two school-hosted activities the school keeps the attendance records, so that the hours can be counted.

Sources: CBSE CPD Guidelines 2025 (TRG-02/2025, 01 April 2025) · CBSE Notification TRG-02, 09 April 2026 · CBSE Guidelines 2026 – District Level Deliberations on CT & AI – https://www.cbse.gov.in/cbsenew/documents/CT_AI_DLD_Guidelines_2026_27_09042026.pdf

■ 03 · READINESS

Eight readiness areas, as questions a principal can answer this week

The School AI-Readiness Self-Assessment on academy.prepgraph.com asks these ten questions across eight areas and returns a scored report: a band, the three risks to deal with before anything else, and a 90-day plan. Answer as your school is today, not as you would like it to be; a pencil and about five minutes are enough.

01 Responsible-use policy

If a parent asked you tomorrow what your school's policy is on

students using AI for homework,
what would you show them?

02 **Student AI use**

A Class 10 student submits a
beautifully written assignment.
How does your teacher currently
tell whether the student wrote it?

03 **Data and privacy readiness**

Which AI tools are your teachers
typing student names, marks or
answer scripts into this week?

Teacher AI readiness

Think of your staffroom this week. How many of your teachers have used an AI tool for their own work — a lesson plan, a worksheet, a parent note?

An AI-drafted worksheet has a wrong answer in the key. What in your school would catch it before it reaches a class?

05

Learning-gap visibility

A Class 9 class group has just finished a chapter. How would you find out which three concepts they are weakest on?

A student is quietly slipping — attendance fine, homework submitted, marks drifting down. How long before somebody notices?

06

Teacher adoption

Of the teachers who have been shown an AI tool, how many are still using it a month later?

07 **Parent awareness**

What have your parents been told about AI by the school, rather than by each other?

08 **Academic leadership readiness**

Who in your school is accountable for how AI is used in classrooms this term?

Do it on a screen and keep the report: academy.prepgraph.com/assessment. The report has its own link, so a trustee can open it.

■ 04 · THE PROGRAMME AND THE HOURS

How a twenty-five-hour programme maps to CPD hours

PrepGraph Academy’s AI-Enabled Educator Programme is twenty-five hours in ten modules, designed around the 2026-27 theme and the CPD guidelines, with a practicum in the teacher’s own class and a capstone the school can read. By content, the hours sit against the three domains in the same shape as the school-based CPD year: 6 / 8 / 11.

#	MODULE	HOURS	DOMAIN
1	Understanding AI in Education	2	I

#	MODULE	HOURS	DOMAIN
2	Responsible AI for Teachers	2	I
3	The Teacher's Role in an AI Classroom	2	I
4	Computational Thinking Across Subjects	2	II
5	AI-Enabled Pedagogy	3	II
6	AI, Assessment and Learning Gaps	3	II
7	AI Teacher Productivity Lab	3	III
8	Personalised Learning & Academic Intelligence — the PrepGraph Teacher Workflow	3	III
9	Classroom AI Practicum	3	III
10	Teacher Reflection & Capstone	2	III

#	MODULE	HOURS	DOMAIN
	Ten modules · Domain I	25	
	6 · Domain II 8 · Domain		
	III 11		

How the hours are recorded: the school decides

- **The 6 / 8 / 11 split is a content mapping.** It says where the twenty-five hours sit against the three domains, in the same shape as the school-based CPD year, and that is deliberate.
- **CBSE counts its own CT & AI activities under Domain-II, Knowledge and Practice:** the District Level Deliberation for 6 hours and the half-day expert-led talk for 3 hours. A school may record a PrepGraph session the same way.

- **The school's CPD owner decides, session by session,** which domain and how many hours to record, and keeps the attendance record. PrepGraph supplies an agenda and a one-page record sheet for every session.
- **The school hosts the programme, records the CPD hours and keeps the attendance register.** A school may invite an external expert for school-based CPD; PrepGraph is one — which is why the certificate is ours and the CPD record is yours.



AI recommends.

Teachers decide.

■ 05 · TERM BY TERM

A term-by-term way to run it

The programme runs in twelve weeks inside one term, on the school's own calendar. The 2026-27 CPD year closes on 31 March 2027; a twelve-week cohort that starts by December finishes inside it.



This term — before the cohort

The three-hour leadership session and the readiness report. Decisions written with a name and a date: the cohort (15 to 40 teachers, one practicum class each), the CPD recording approach and who keeps the sheet, the policy owner, AI Champion nominations, and the

dates against exams, events and staff-development days.

The cohort term — twelve weeks

- Week 0 — Leadership orientation.
- Weeks 1-4 — The taught modules (1 to 8): AI foundations and the teacher's role; responsible AI and computational thinking; assessment and learning gaps; the productivity lab and the classroom workflow.
- Weeks 5-8 — The classroom practicum: each teacher runs the workflow with one class, one chapter, 10-30 students, with a weekly 30-minute clinic.
- Week 9 — The evidence read from the practicum; reteach decisions made; parent notes drafted by the teacher.

- Week 10 — Capstones presented to peers in the Format F1 structure.
- Week 11 — End-of-programme assessment and portfolio review.
- Week 12 — Certificates presented by the school; AI Champions nominated; CPD records finalised by the school.

The term after

The second turn of the loop on next term's chapters, carried by the AI Champions. The parent session at the next PTM and the student orientation, run by the school's own teachers. The school's CT & AI activities for the year: an expert-led talk, or hosting a District Level Deliberation.

Three ways to run the cohort

In-school: sessions on campus after school hours or on staff-development days, for a cohort of 15 to 40 teachers, each with a practicum class of their own.

Cluster: two to four nearby schools pool a cohort; taught sessions at one host school; each teacher's practicum in their own school.

Blended: Modules 1–3 as live online sessions, Modules 4–8 in person, practicum and capstone in school — useful for a trust with several branches.

■ 06 · THE LEADERSHIP SESSION

The leadership session

3 hours · Week 0 · principals,
vice-principals, academic
coordinators, trustees

A three-hour working session for the people who decide whether AI in the school becomes a teaching habit or a purchase that gathers dust: on campus, before the teacher cohort begins, as one morning or two 90-minute sittings, eight to twelve people round one table. A trust can bring its schools together.

Leaders work through what AI changes in a school and what it must not replace, draft the school's AI and responsible-use policy, settle the

position on student AI use and academic integrity, put the seven data questions on page 2 to any vendor (PrepGraph included — our answers are in writing, as part of the school agreement), and see the seven-step workflow their teachers will run.

The three hours

- | | |
|--------|--|
| 10 min | Opening: what is already happening in your school |
| 20 min | What AI changes in education, and what it must not replace |
| 30 min | Governance: draft the school AI and responsible-use policy |
| 15 min | Student AI policy and academic integrity |
| 20 min | Data and privacy |
| 15 min | Teacher adoption and the activation funnel |

20 min	The seven-step workflow, walked through on Class 9 Science
15 min	Measuring the year: process, coverage, the school's own before and after
10 min	Parent communication
20 min	The twelve-week plan and the decisions in the room
5 min	Close: commitments

What the principal leaves with

- **A draft AI and responsible-use policy** — one page: purpose, permitted and prohibited uses for staff and students, data and privacy, academic integrity, owner and review cycle.
- **A cohort plan** — names, subjects, practicum classes and the

twelve-week dates on the school calendar.

- **A CPD record approach** — which session is recorded under which domain and for how many hours; who keeps the sheet.
- **A communication plan** — what staff, students and parents are told, by whom and when, including the parent session and the student orientation.

For a Sahodaya cluster or a group's principals, the session runs as a sixty-minute online cut with the readiness assessment done live. Ask for it on WhatsApp: +91 93907 99892.

■ 07 · YOUR NEXT STEP

Your next step

01 **Take the readiness self-assessment**

Ten questions, about five minutes, and the report on the page: a band across the eight areas, the three risks to deal with before anything else, and a 90-day plan.

academy.prepgraph.com/assessment?utm_source=guide

Print the starter kit

Seven sheets, in the order a school uses them:

1. 90-day AI-readiness roadmap
2. Principal's AI implementation checklist
3. School AI & responsible-use policy template
4. Teacher AI-readiness audit
5. School CPD attendance & record sheet
6. Parent AI-awareness session outline
7. Student responsible-AI orientation outline

academy.prepgraph.com/starter-kit?utm_source=guide

03

Talk to a person, or book a walkthrough

This guide is free to forward.

Call or WhatsApp **+91 93907 99892** — wa.me/919390799892.

A person replies within one working day, by phone or WhatsApp.

Or book a thirty-minute walkthrough on the demo tenant — the tutor teaching in Hinglish, a login card scanned, the morning class card, the Monday email — at partners.prepgraph.com/book-demo?utm_source=guide.

PrepGraph, plainly

One tutor for every child. One portal for the school. One programme for its teachers.

PrepGraph's voice tutor speaks and draws on a whiteboard in English, and Hinglish (Hindi with English technical terms), keeps a map of what each student knows and sends parents a weekly report by email. A whole school in Haryana runs it, with a printed login card for every child.

PrepGraph Academy is the professional-development arm: a twenty-five-hour programme for teachers and a three-hour session for the leadership team, designed around CBSE's 2026-27 training theme and its CPD guidelines.

On cost. The tutor your school deploys is the one a parent buys for ₹249 a month, with a seven-day trial. In a school programme a student's 90-day term is ₹799: the voice tutor, a printed login card, the portal for the teachers and the Monday email. The teacher programme, the leadership session and terms for a whole school or a group of schools are quoted in writing; the whole-school offer is set out at partners.prepgraph.com.

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