

utive Summary

A Governance-Ready Framework for Structured AI Use in Secondary Schools

This framework does not teach students how to use AI. It uses AI as the environment in which students develop cognitive and critical thinking skills — skills they will carry into universities and professional life.

The Problem	The Risk	The Opportunity
AI is already in your classrooms. With or without policy, students are using AI now. The question is whether its use is structured, governed, and aligned with learning — or not.	When assessment values only finished product, and AI can produce finished products instantly, assessment has lost its diagnostic function. Detection alone does not solve this.	Schools that govern AI deliberately — with clear frameworks, trained teachers, and assessment that values reasoning — will produce stronger thinkers. That is a competitive advantage.

The Framework: Four Pillars of Astra AI Governance

Effective AI integration in schools rests on four aligned pillars. When one is absent, implementation becomes fragmented. When all four operate together, AI strengthens learning rather than displacing it.

	Pillar	What It Establishes
P1	Governance	School-level policy, acceptable use boundaries, and an AI Governance Team with oversight responsibility. Established before any classroom rollout begins.
P2	Teacher-Guided AI Use	Teachers are trained first. A step-by-step Teacher Prompt Design Framework — assuming no prior AI experience — is a prerequisite condition, not optional preparation.
P3	Inquiry-Based AI Learning	Students engage AI through the DEEP Sequence — research before prompting, team deliberation before submission, critical interrogation before acceptance, public defense before conclusion.
P4	AI-Era Assessment	Assessment shifts from evaluating final output to evaluating reasoning quality, prompt construction, critical interrogation, and the ability to defend a position under live questioning.

The Classroom Engine: The Team-Based Prompt Assessment Model

This is what makes Astra AI Governance structurally different from every other AI framework available to schools. Students work in structured teams of five, each assigned a rotating cognitive role. Before any AI tool is engaged, students research. They construct prompts collaboratively. They interrogate AI outputs critically.

They defend their findings publicly — and any student may be questioned on any part of the work at any time.

What makes this different	Most AI frameworks ask: how do we stop students misusing AI? This framework asks: how do we use AI to build cognitive and critical thinking skills students carry into universities and professional life?
The team structure	Classes of 25 split into 5 teams of 5. Roles rotate weekly. Teams rotate monthly. Every student experiences every cognitive function across a term.
The five roles	Researcher — Prompt Writer — Note-Taker — Critical Thinker — Presenter. Every student is accountable for the full output, not only their assigned role.
Assessment	Pilot phase: 50% reasoning / 50% product. Mature phase (after 90-day review): 70% reasoning / 30% product. The teacher assesses 5 teams, not 25 individuals.
The DEEP Model	Deliberate Inquiry — Evidence-Based Prompting — Evaluative Thinking — Public Defense. The cognitive progression framework that runs through every step of the model.

The DEEP Model ensures that when students engage AI, they bring their thinking to it — and leave with thinking that is stronger than when they arrived.

Implementation: Structured Within 60 Days

Timeline	Phase	What Happens
Days 1–30	Leadership & Governance Setup	Form the AI Governance Team. Define acceptable use. Complete teacher training. Document leadership commitment before any classroom rollout.
Days 31–60	Classroom Integration	Introduce the team model and DEEP Sequence. Implement task labelling. Begin collecting assessment data. Monitor and calibrate before scaling.
Day 60+	Review & Scaling	90-day governance review. Shift assessment to 70/30 weighting. Expand only after stability is demonstrated.

The Inaugural Cohort Invitation

Astra AI Governance is inviting a small number of schools to join the first structured implementation of this framework across Greater China, Hong Kong, and Vietnam. Schools in the Inaugural Cohort are co-architects of the most important institutional conversation in international education right now.

- Full structured implementation with complete materials
- Four-session Teacher Prompt Design training programme
- Bi-weekly monitoring support and end-of-cohort review report

- Permanent recognition as a Founding Partner Institution

- Preferred pricing for full institutional rollout in Year 2

The next step is a 45-minute leadership briefing — a direct conversation about your school's current AI context and whether this framework is the right fit at this time. No commitment required.

AI will continue to evolve. The defining shift for schools will not be access to technology, but the simplicity of cognitive improvements that govern its use.

Elliot Michael Chan, D.Ed., M.Ed. | Founder, Astra Academic Advisory | astra-governance.ai

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