

Scope and Objectives - AI Commons for Education

What is AI Commons: A central library of AI prompt instructions, context data and guardrails (see section *What Can Be Shared* below) which transforms a base LLM into producing educationally informed outputs. The content from this library can be implemented in different technical platforms, in ways to meet the diverse needs of the education sector.

- **Phase 1:** Develop the case for an AI Commons to facilitate educationally informed LLM outputs
- **Phase 2:** Collect, gather, create the resources and data towards training and/or instructing LLM. Prototype and plan high level architecture.
- **Phase 3:** Implementation, deployment to support educationally informed LLM outputs

Current Scope: By the end of 2025 we have brought along key stakeholders with a clear articulation of the rationale, benefits and requirements for an AI Commons.

What is the problem the AI Commons is solving: Enabling greater impact from AI, through showcasing educationally consistent best practices, revealing opportunities from AI, reducing the equity gap that resourced systems have over smaller organisations and eliminating the reinvention which is paralysing teachers on how to enable quality educationally informed LLM use.

How could the AI commons work: Schools and systems submit materials and these are made available through an AI agent which has access to all submissions and finds relevant options. The commons would include the Curriculum and evidence based practices from national organisations, combined into "AI context" which has been shown to improve the output of AI. Additionally AI would be used throughout the service to simplify local system or school implementation, modification of content for localisation, tracking of feedback and incorporation of relevant PD.

Key benefits In the short term, the access to quality AI tools will spur on more appropriate uses for AI, it will reduce the equity gap between well resourced systems and those less about to develop their own tools. Showcasing innovation across schools will highlight effective workload reduction practices and enable AI use to be more safe and effectively. This ensures staff can select activities aligned with their school's mission, rather than struggling to learn how with generic chat programs to create prompts to coax AI into producing educationally informed outputs.

What can you do: Tell us what are the activities which are being shared within your school, how are you developing effective practice, what are the prompts which are shared and how are you incorporating them into your work practices. Reach out to [REDACTED] or [REDACTED] to get involved in developing this shared list of good practices.

What are some current examples:

NAPLAN measures based writing evaluator	Career and course selection guidance
LEAP Grant applications creator	NCCD Evidence gathering checker
Student Chat Guardrails	Study revision tool based on evidence
Student personal goal setting	Lesson content and resource creation

For Sharing: Short Description

Schools and systems are overwhelmed by a multitude of AI options, and steep learning curves for where and how to obtain effective use. This often results in wasted effort, with each organisation reinventing solutions, with well-resourced systems with dedicated AI teams and technology achieving significantly better educational outcomes from LLM, while smaller organisations are unable to develop their own libraries, are left wondering what are effective practices often relying on US vendors when adopting AI in Australian education.

A curated library of AI tools that **implement** best practices through AI can guide end users to learn and undertake more effective work practices across the spectrum of Australian Education.

The AI Commons members are developing the case for creating the Data set that will help LLM's help teachers and provide self determination with Australian educationally informed outputs.

The longer term goal is to provide self determination over how LLMs operate within education, lowering the reliance on US only advances, through a data set that has been curated based on Australian use cases and updated based on feedback over what is working to create the "Context and examples" of what good looks like in Australian use of AI for Australian teachers and student. This would become a national asset, similar to other data sets which become more valuable the more that is added to them.

How added 'AI Context' creates educationally informed outputs

The library contains instructions for LLM's how to perform common tasks such as, socratic dialog or creation of a rubric, then how to enact safeguards, or add resources, using examples of education evidence to enable pedagogical appropriateness for that use case. That enables the LLM to examine and review its own output so that it is in line with the examples from the library, providing the benchmarks so the quality of the output can be judged by the LLM.