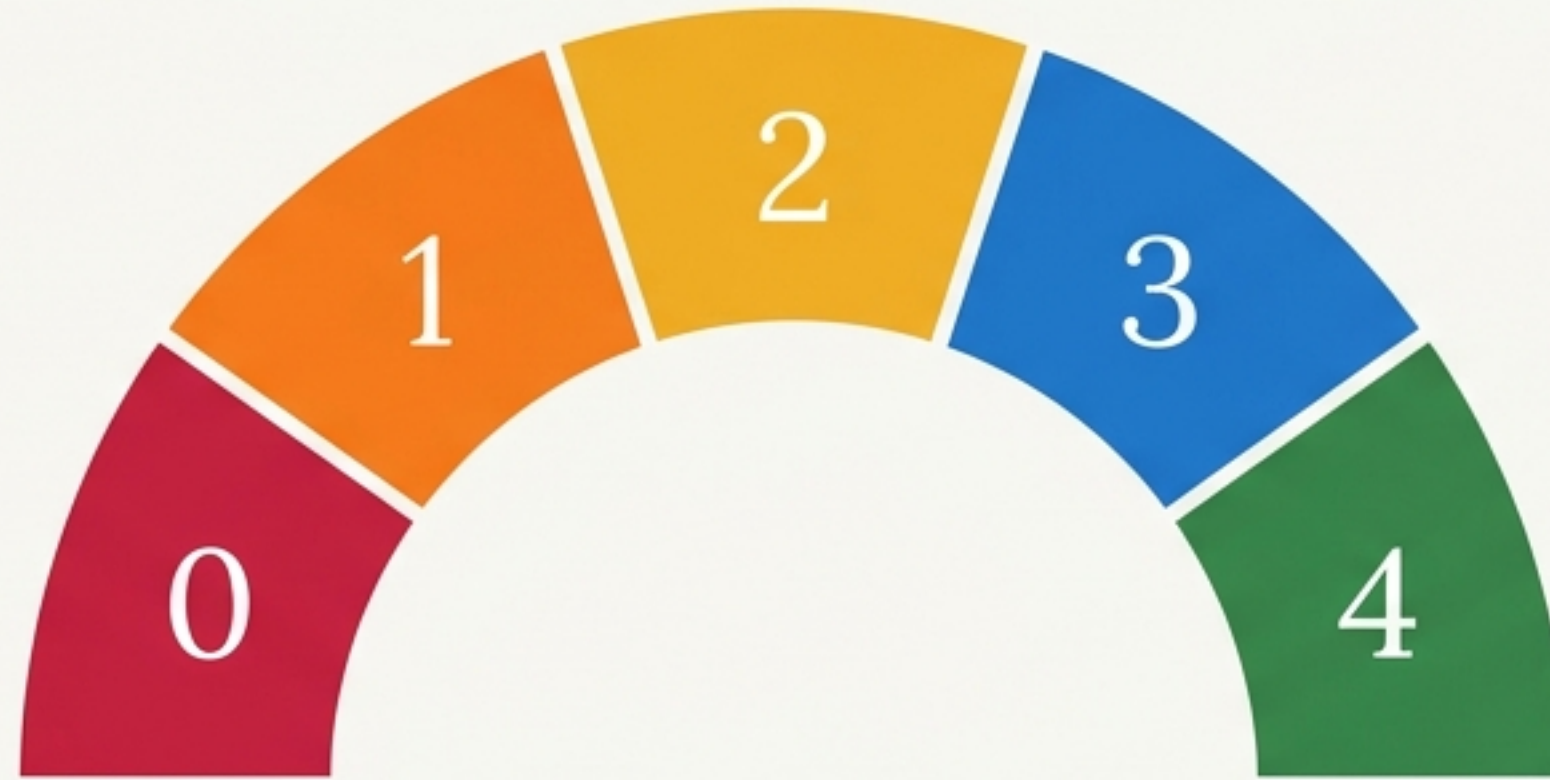


Decoding the Framework for Human-AI Collaboration

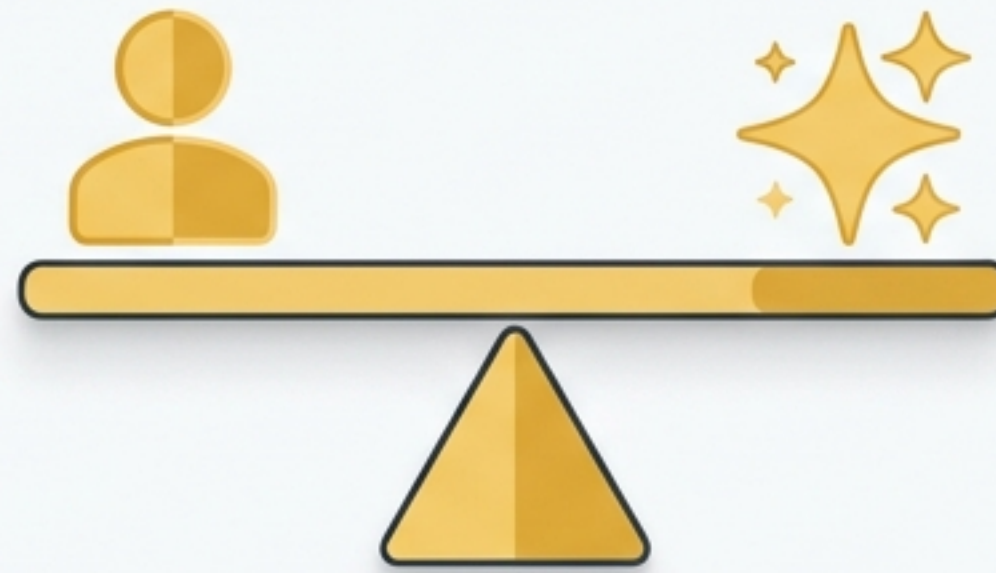


A visual guide to understanding the five levels of Generative AI integration—from strict human independence to advanced project management.

The cognitive load shifts from manual creation to critical oversight.



Levels 0-1: Manual
Generation & Execution



Level 2: Ideation &
Shared Development



Levels 3-4: AI Generation,
Human Oversight

Higher levels of AI engagement do not mean less human work. They require a fundamental shift in skills: moving from acting as the sole creator to operating as a project manager orchestrating AI outputs.

Level 0 demands complete independence from generative systems.



THE ROLES



STUDENT ROLE: SOLE AUTHOR



Students complete all planning, thinking, outlining, drafting, research, analysis, creation, and revision independently of GAI.

GAI'S ROLE: NONE



None

THE TOOLKIT & TIMELINE

Permitted Tools

No AI tools permitted

START

MIDDLE

END



Typical AI usage: None

Level 1 introduces AI strictly as a finishing and structuring tool.



THE ROLES

1



STUDENT ROLE: PRIMARY CREATOR

Generates all core ideas, prose, and overall structure. May use GAI for specific, limited tasks.



GAI'S ROLE: REVIEWER OR LIMITED EDITOR

Reviewer or limited editor.

THE TOOLKIT & TIMELINE

Permitted Tools

- ✓ Basic Info/Definitions
- ✓ Proofreading/Feedback
- ✓ Outlining/Organization

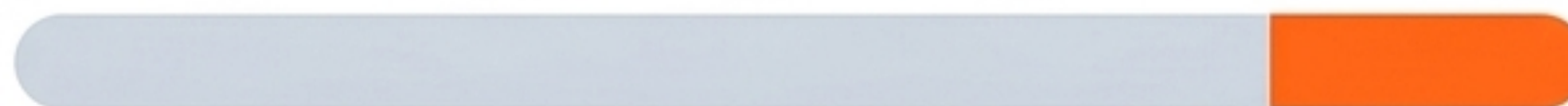
START



MIDDLE



END



Typical AI usage: End of the process.

Level 2 transforms the AI into an active thought partner during early development.



THE ROLES



STUDENT ROLE: CONCEPTUAL ARCHITECT



Students drive all ideas and development of the process but can use GAI for brainstorming and elaboration.

GAI'S ROLE: THOUGHT PARTNER



Thought partner

THE TOOLKIT & TIMELINE

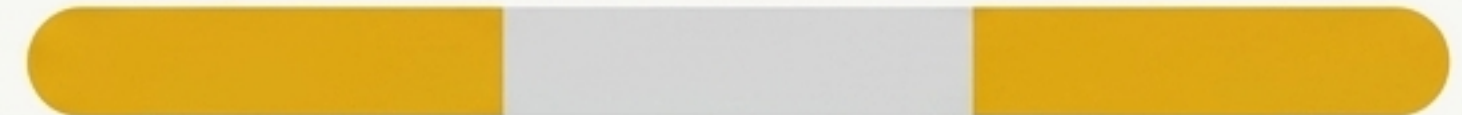
Permitted Tools

Basic Info/Definitions, Proofreading/Feedback, Outlining/Organization

✓ **Brainstorming**

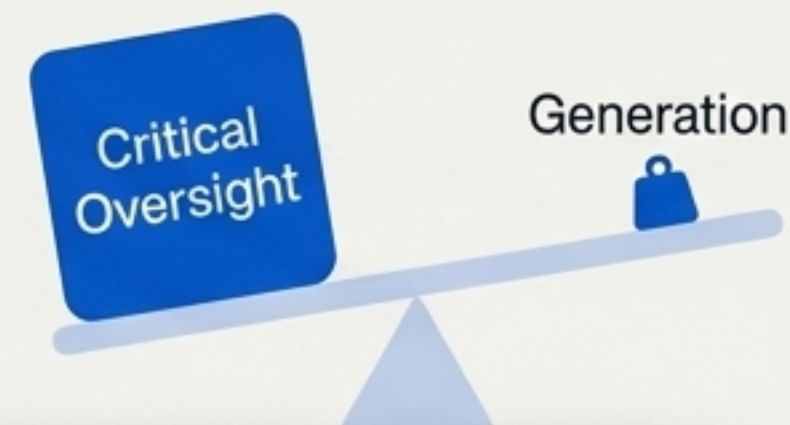
✓ **Troubleshooting**

START → MIDDLE → END



Typical AI usage: Initial stages/polishing

Level 3 integrates AI into the core drafting process, requiring continuous critical oversight.



Student Role: Critical Collaborator

Students actively collaborate with GAI throughout the process, using it for partial drafting and content generation while maintaining critical oversight.



GAI's Role: Co-creator

Co-creator.

THE TOOLKIT & TIMELINE

Permitted Tools

Basic Info/Definitions, Proofreading/Feedback, Outlining/Organization, Brainstorming, Troubleshooting

✓ **Synthesis/Reading**

✓ **Drafting/Creating Segments**

Timeline

START —————> MIDDLE —————> END



Typical AI usage: Throughout

Level 4 relies on the AI as an engine for creation, driven by advanced human management.

THE ROLES



STUDENT ROLE: **PROJECT MANAGER**

Students leverage AI extensively for complex problem-solving, synthesis, and innovation. This level requires advanced AI literacies and critical analysis skills.



GAI'S ROLE: **ENGINE FOR CREATION**

Engine for creation.

THE TOOLKIT & TIMELINE

PERMITTED TOOLS

Basic Info/Definitions, Proofreading/Feedback, Outlining/Organization, Brainstorming, Troubleshooting, Synthesis/Reading, Drafting/Creating Segments

✓ **Creating Full Drafts**

TIMELINE

START —————> MIDDLE —————> END

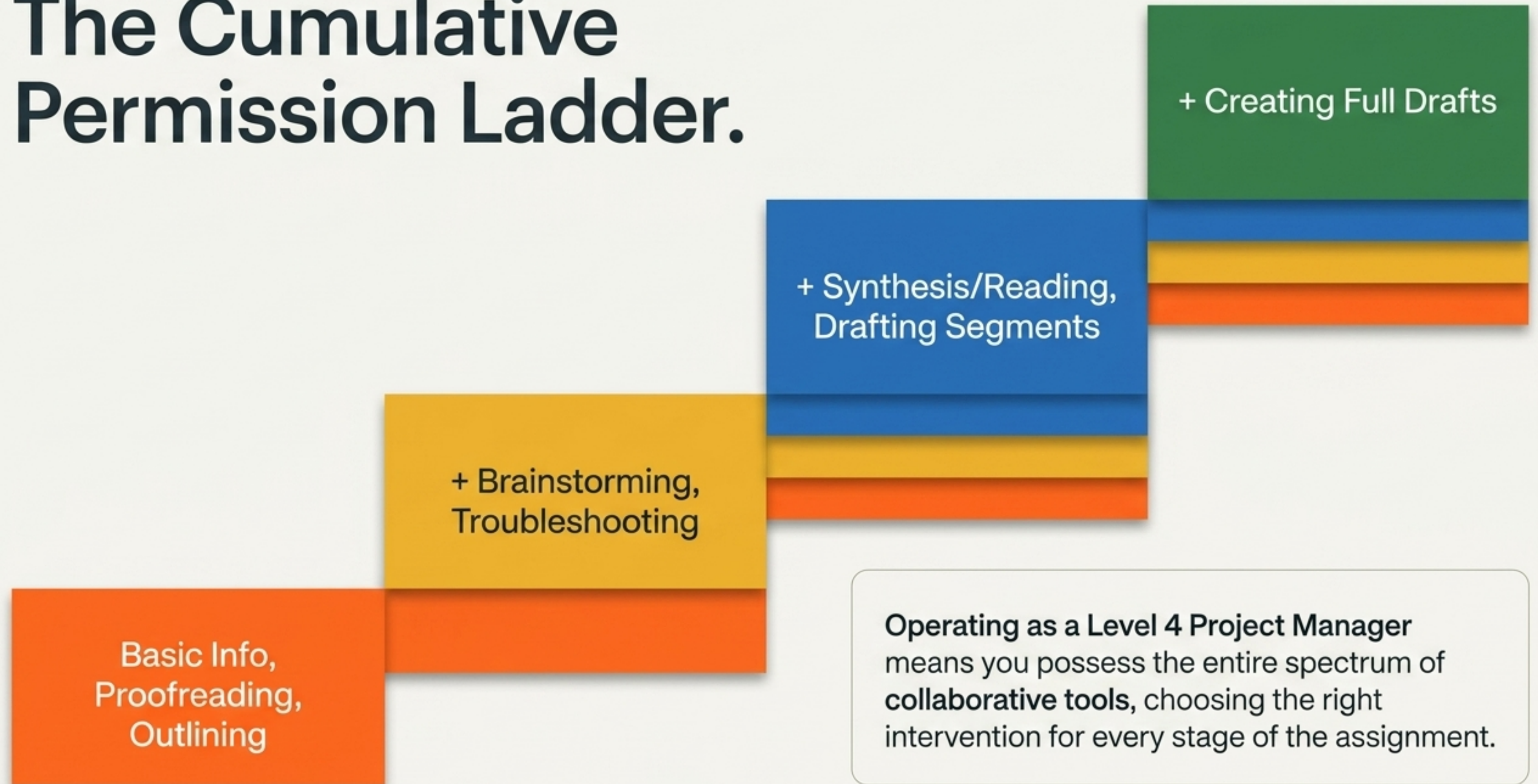


Typical AI usage: Throughout

Strategic
Direction

AI
generation

The Cumulative Permission Ladder.



Unlocking Ideation and Structuring Tools

Level 1 Unlocks

1

- Basic Info/Definitions
- Proofreading/Feedback
- Outlining/Organization

Refines existing human thought.

Level 2 Unlocks

2

- Brainstorming
- Troubleshooting

Introduces machine-generated ideas into the early process.

Structural and proofreading assistance are lower-tier interventions because they act on human work. Conceptual brainstorming requires Level 2 clearance because it marks the beginning of shared ideation.

The Threshold for Drafting and Synthesis

Levels 1 & 2: Human Drafting Required



The Generative Threshold

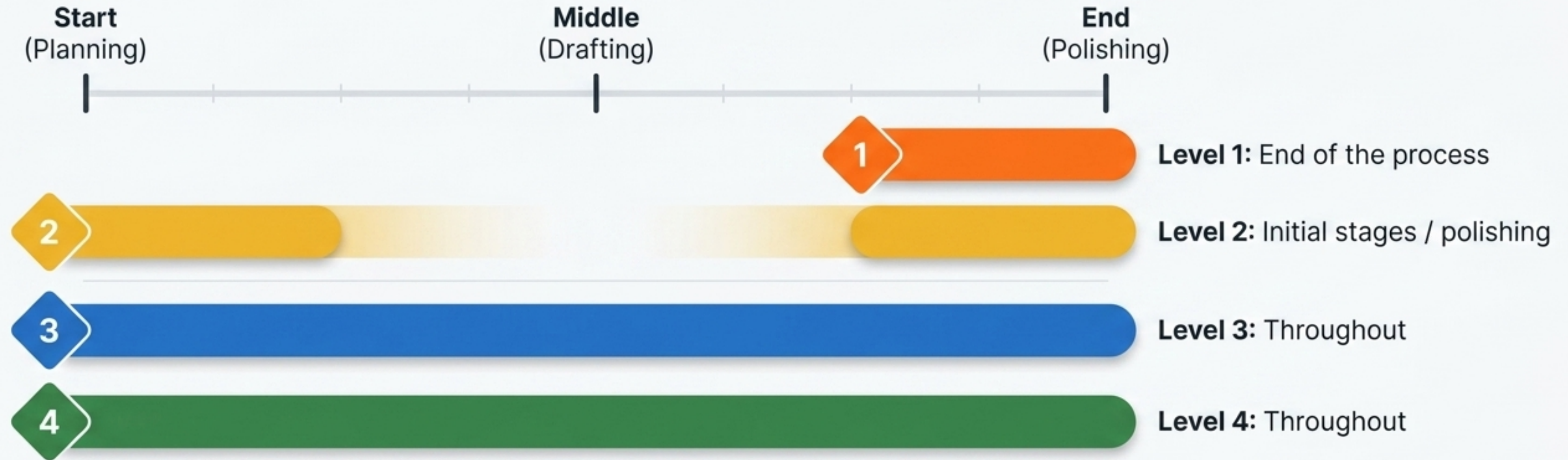
3 Synthesis/Reading

3 Drafting/Creating Segments

4 Creating Full Drafts

Allowing AI to generate actual prose or synthesize reading materials crosses a critical threshold. These tasks are strictly reserved for Levels 3 and 4, requiring the student to act as a Critical Collaborator or Project Manager to aggressively vet the output.

The Timeline View: When does AI enter the assignment process?



As your AI engagement level increases, the machine's involvement expands backwards in time—starting from a final polish (L1) and growing to encompass the entire assignment lifecycle (L3/L4).

The Master Diagnostic Matrix

Find your assigned level on the top axis, then look down to verify exactly which tools are in your toolkit.

	0 SOLE AUTHOR	1 PRIMARY CREATOR	2 CONCEPTUAL ARCHITECT	3 CRITICAL COLLABORATOR	4 PROJECT MANAGER
i Basic Info/Definitions	☐	☒	☐	☐	☐
🔍 Proofreading/Feedback	☐	☒	☐	☐	☐
☰ Outlining/Organization	☐	☒	☐	☐	☐
💡 Brainstorming	☐	☐	☐	☐	☐
🔧 Troubleshooting	☐	☐	☐	☐	☐
📖 Synthesis/Reading	☐	☐	☐	☐	☐
✍️ Drafting/Creating Segments	☐	☐	☐	☐	☐
📄 Creating Full Drafts	☐	☐	☐	☐	☐
Timeline	None	End of the process	Initial stages/polishing	Throughout	Throughout