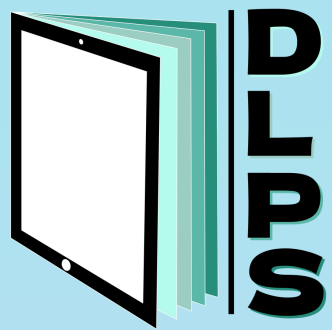




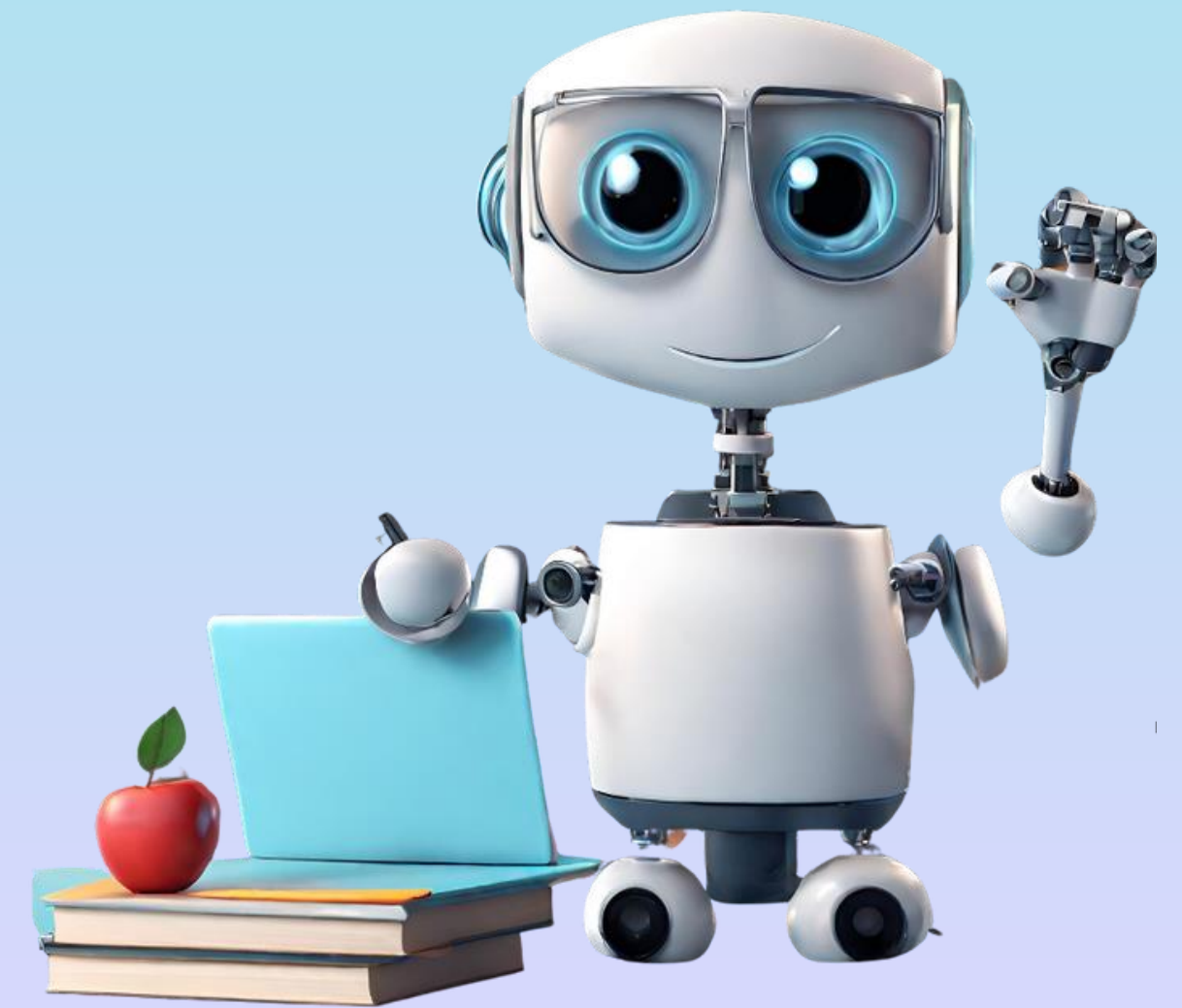
Reimagining Education with AI: A Ministry-Level Blueprint for Smarter Classrooms in Belize & Beyond

Dr. Adriani Coleman-The AI Educator

Doctorate in AI in Educational Technology

M.Ed in Innovation in Teaching and Learning

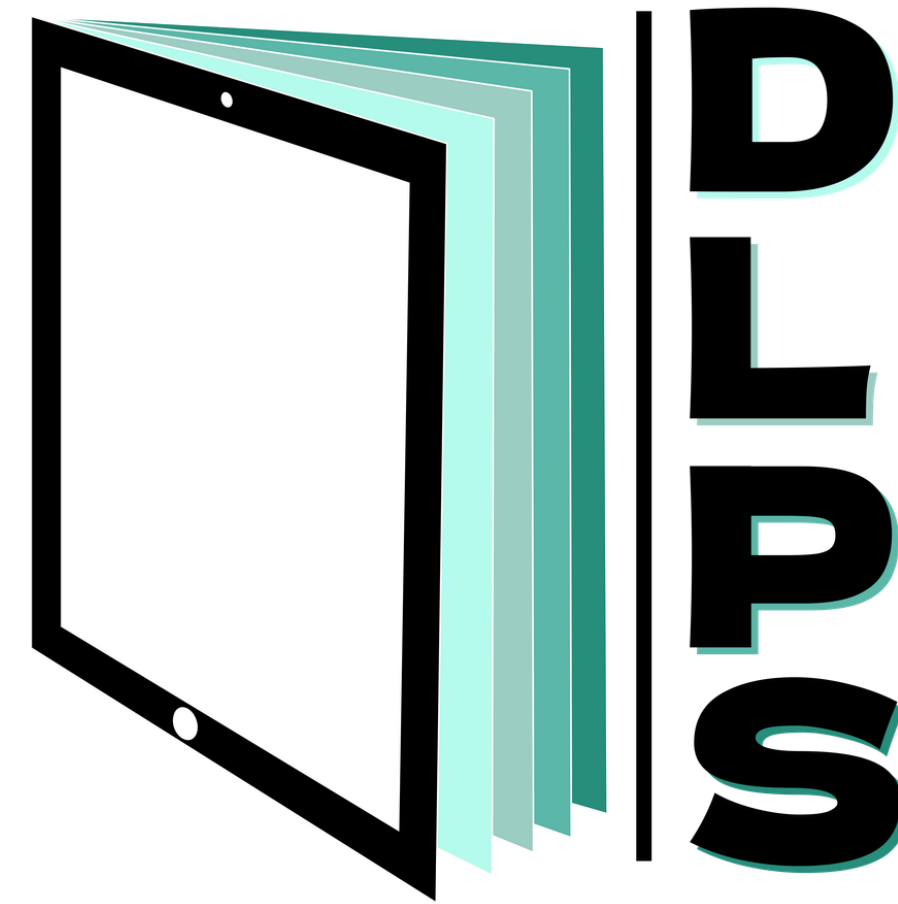
Founder & Director, Digital Learning and Pedagogical Solutions Belize



ABOUT DIGITAL LEARNING & PEDAGOGICAL SOLUTIONS (DLPS)

EST. 2020

We believe that access to high-quality education and training is a fundamental right, and we are committed to making it accessible to everyone, everywhere. By leveraging the latest advancements in pedagogy and technology, we help our clients stay ahead of the curve, improve productivity, enhance skills, and increase employee retention.



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The Urgency – AI & The Job Market Shift



Jobs AI Automate

Data Entry
Basic Translation
Summaries
Slide Decks
Basic Graphic Design
Writing
Appointment Setting
Basic Customer Service Tier 1
Data Extraction
Basic Coding



Jobs AI Augment

Nurse/Healthcare Worker
Teacher/Educator
Tourism Manager
Marketing
Accounting Manager
Police/Border Management
Small Business Owner
Journalist
Developers/Programmers

Where AI Is Now in Education

Parent(s)/ Guardian

- **Explain Grades**
- **Home Support**

Student

- **Personalized Tutor**
- **Study Coach**
- **Summarizer**

Teacher

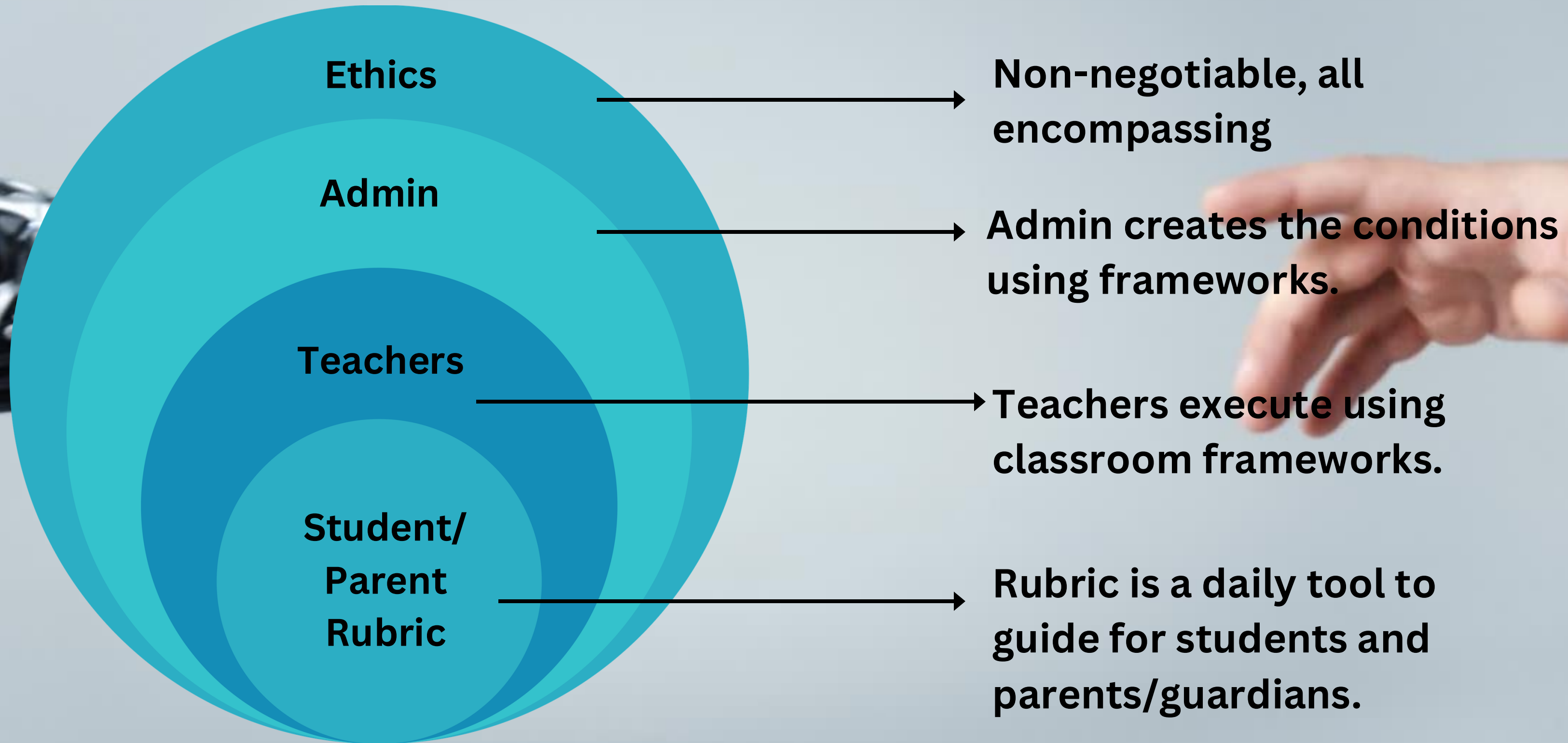
- **Lesson Plans**
- **Report Card**
- **Assistant**

Administrator

- **Schedule**
- **Attendance**
- **Office Admin**



The Blueprint – 3 Core Levels + Rubric



AI Education Ecosystem

Guiding Ethical Principles-GUIDE

G

Guardrails

- Informed Consent & Autonomy
- Data Privacy & Security
- Transparency

U

Use

- Human Centered: trainings, professional development, understanding limits.

I

Include

- Equity & Inclusion

D

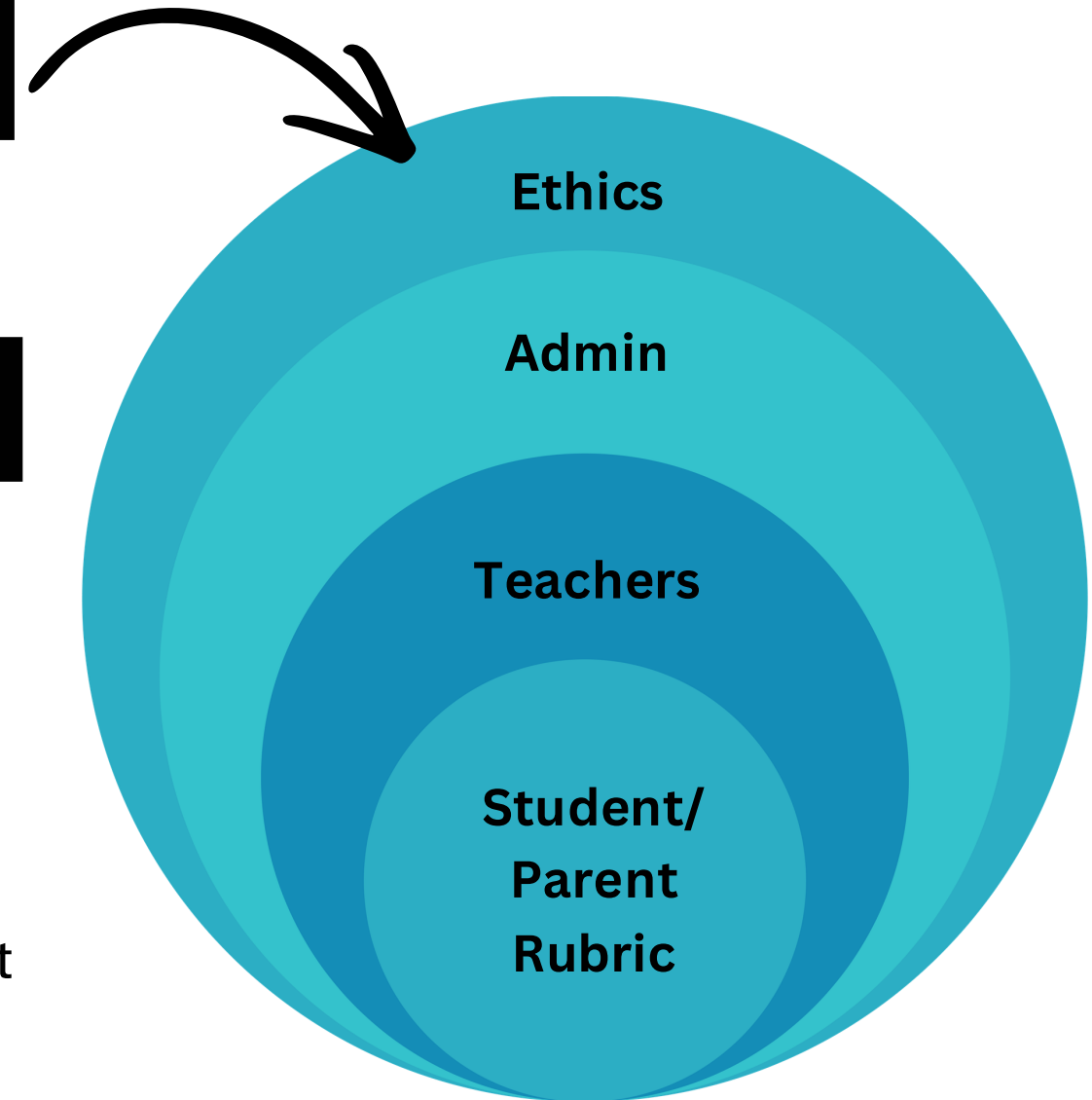
Decide

- Fix
- Improve
- Remove

E

Evaluate

- Reiterate
- Feedback loop
- Regular assessment of tools



Admin Framework-EAGL

BRINGING AI INTO YOUR SCHOOL: A GUIDE FOR ADMINISTRATORS



EVALUATE

- Conduct a comprehensive assessment of the AI tool to ensure its reliability, accuracy, and suitability for educational purposes.
- Consider factors such as data privacy, security, and potential biases when evaluating the tool.



ALIGN

- Analyze how the AI tool aligns with your educational objectives and desired learning outcomes.
- Ensure that the tool **supports and enhances** the curriculum, instructional goals, institutional mission or core values, and student needs.



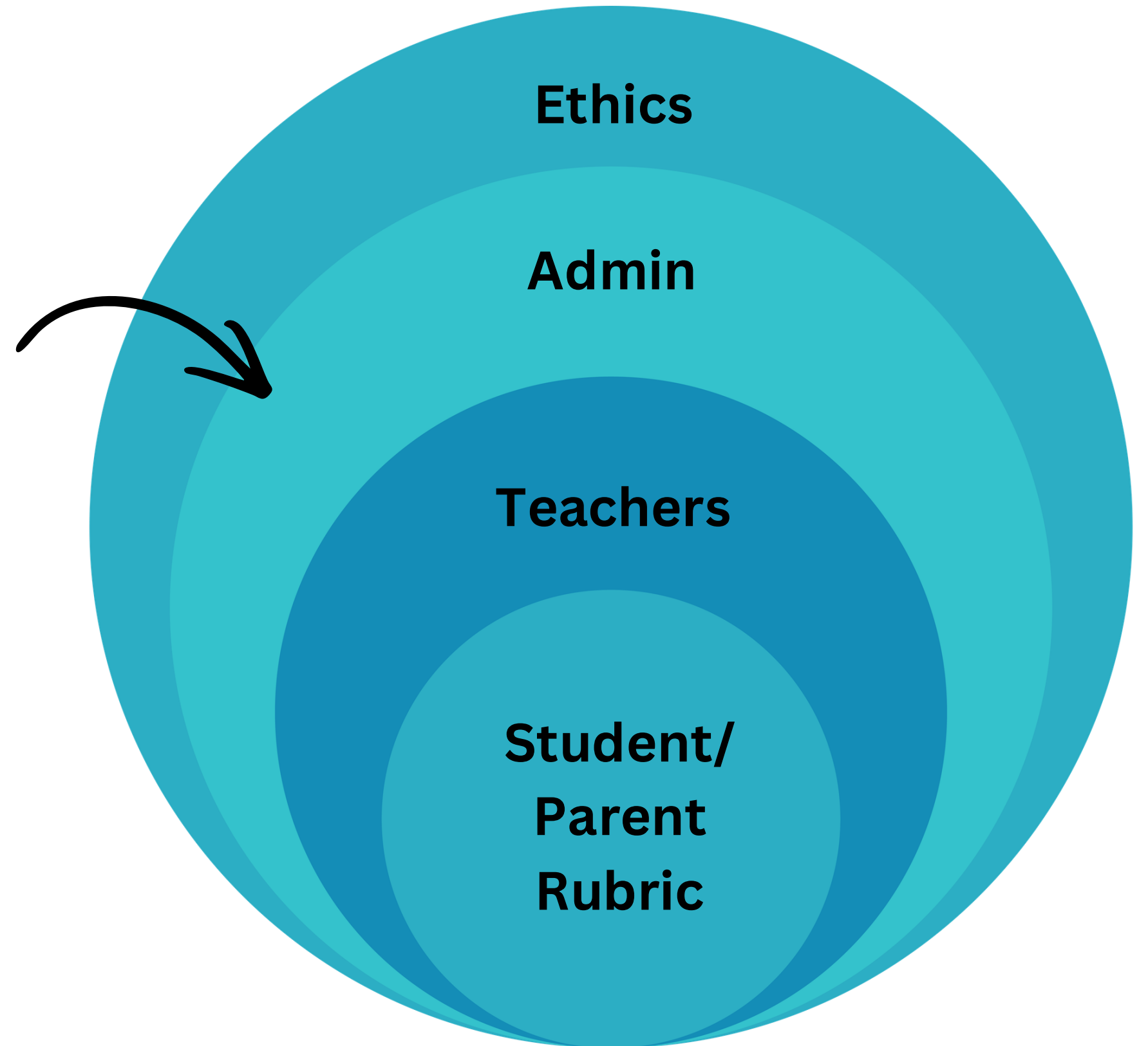
GUIDE

- Offer structured guidance and instruction on how to effectively utilize the AI tool by providing clear instructions, examples, and resources.
- Establish ethical guidelines and guardrails.



LEARN

- Continuously update your knowledge and understanding of AI technology and its applications in education.
- Engage in professional development opportunities, and stay informed about the latest research and developments in AI to ensure you are leveraging the most up-to-date tools and practices.



Educator Framework-ISEL

THE ISEL APPROACH: GUIDING STUDENTS THROUGH AI

INTRODUCE

- Introduce AI tools strategically based on the skills and content of your course.

SUPPORT

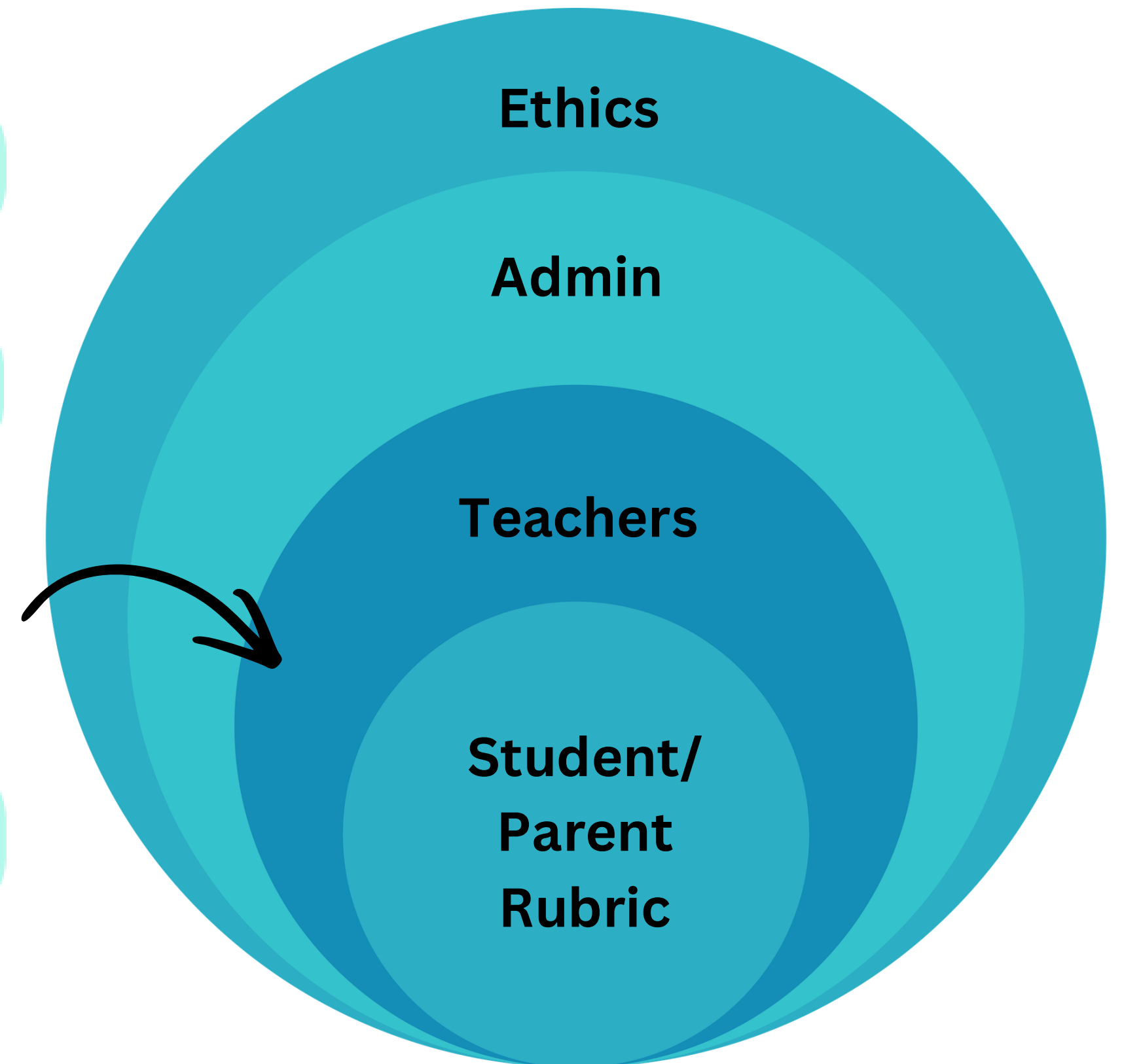
- Teach students how to use the AI tool and offer step-by-step instruction on how to use the tool efficiently.

ENCOURAGE

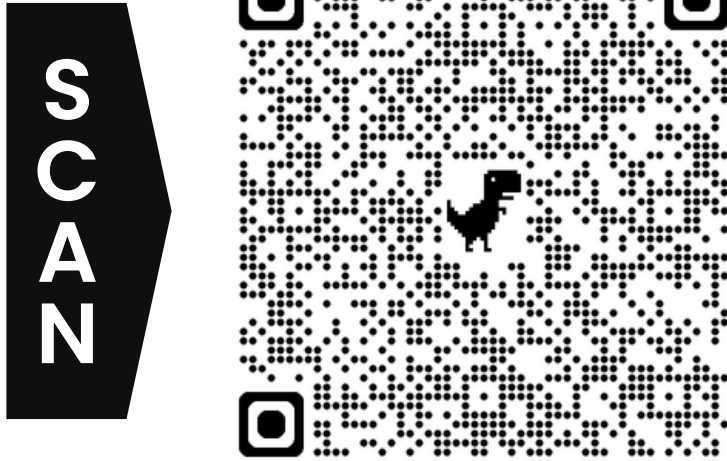
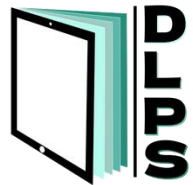
- Encourage students to use their critical thinking skills to question the accuracy and fairness of AI powered outputs.

LEARN

- Teachers need to keep their fingers on the pulse and identify new tools and resources that can benefit their students.



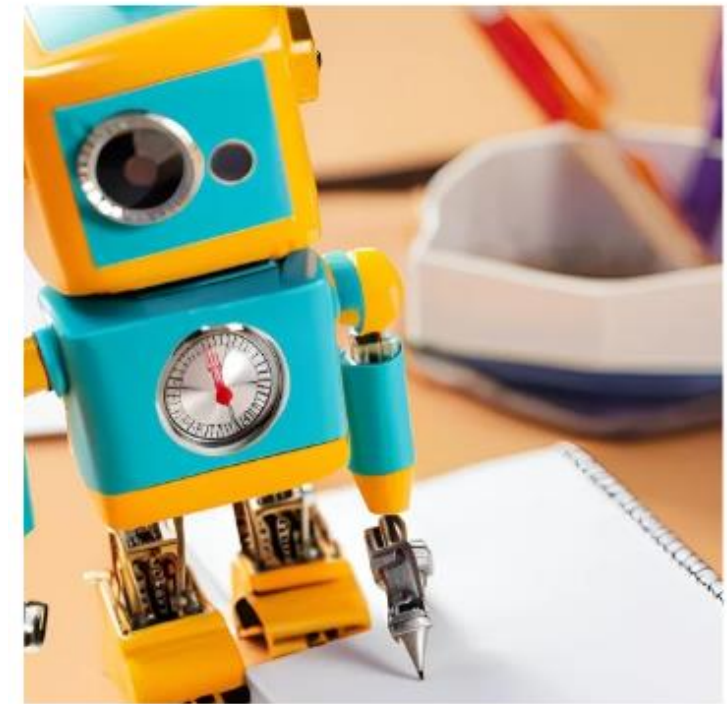
AI Guided Usage (Rubric)



GUIDED AI USAGE MODEL				
Writing Task	Code	Definition	Student Knows	Key
Spell check		Spell check can be considered a function of artificial intelligence (AI), although it operates at a relatively basic level compared to more advanced AI applications.	Basic	Free to Use
Grammar check		Grammar checking is also a function that can involve artificial intelligence (AI).	Basic	Under
Punctuation check		Punctuation checkers, like grammar checkers, can also utilize AI to improve their accuracy and effectiveness.	Basic	Under
Fix/improve Tone		Tone analysis and correction can involve artificial intelligence (AI).	Basic	Under
Breakdown complex ideas (SLI-Esplan Like I am 5)			Basic	Under
Research			Basic	Under
For role playing exercises			Basic	Under

GUIDED AI USAGE MODEL				
Writing Task	Code	Definition	Student Knows	Key
Paraphrase		The student cites the work to paraphrase.	Basic	Free to Use
Get feedback on your drafts		Paste your draft in the chatbot and ask it for feedback.	Basic	Under
Summarize		The student prompts the chatbot to summarize a piece of text.	Basic	Under
Generate Citations		Students input the elements required for the type of citation.	Basic	Under

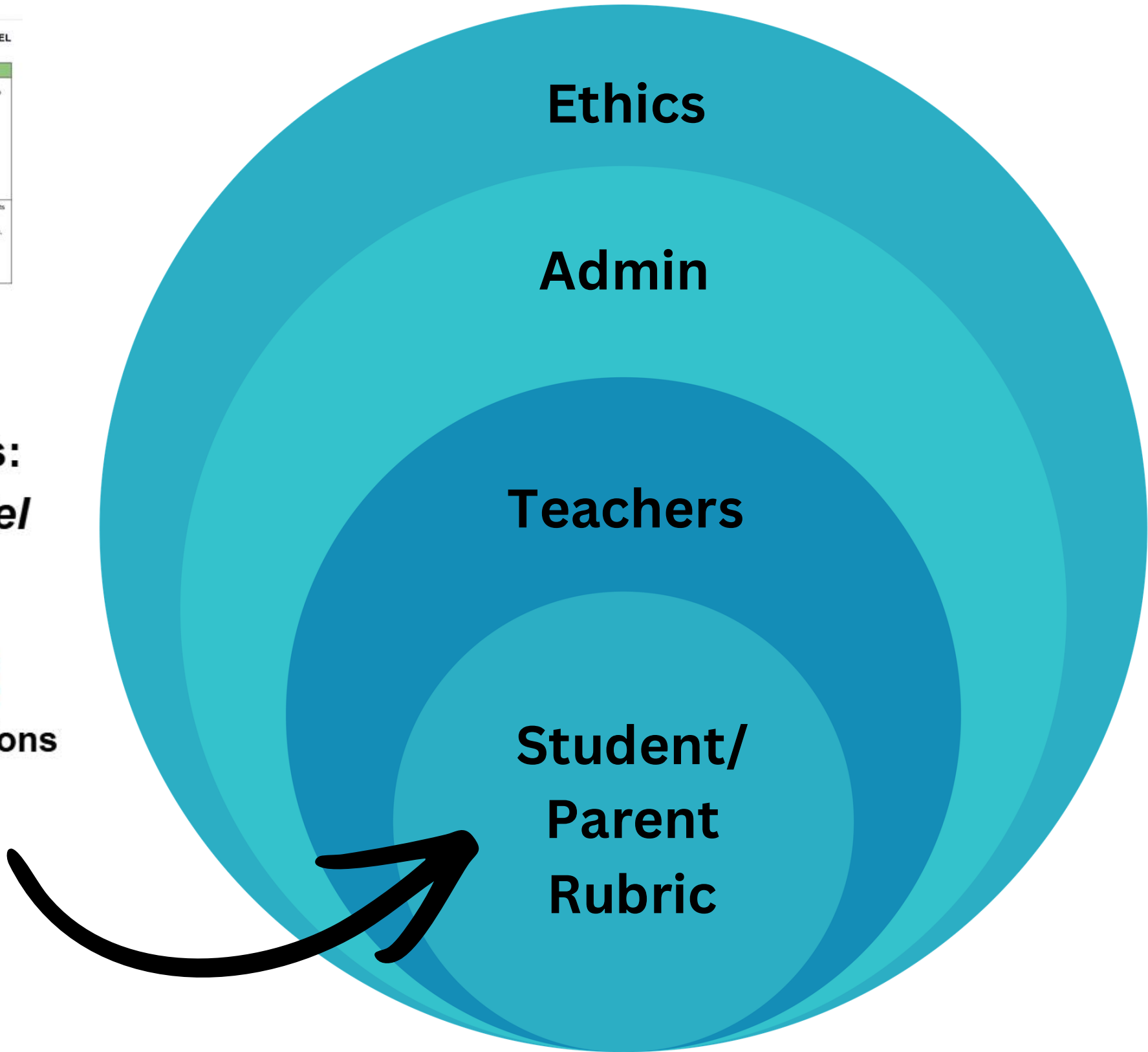
GUIDED AI USAGE MODEL				
Writing Task	Code	Definition	Student Knows	Key
Create your content		Copying and pasting the output from the AI is a hand no. Uploading your content to a third-party site.	Basic	DO NOT USE
		If the work is not graded, but you may still need to use it.	Basic	WITH CAUTION
		In your personal life, you can use the AI to assist you.	Basic	FREE TO USE

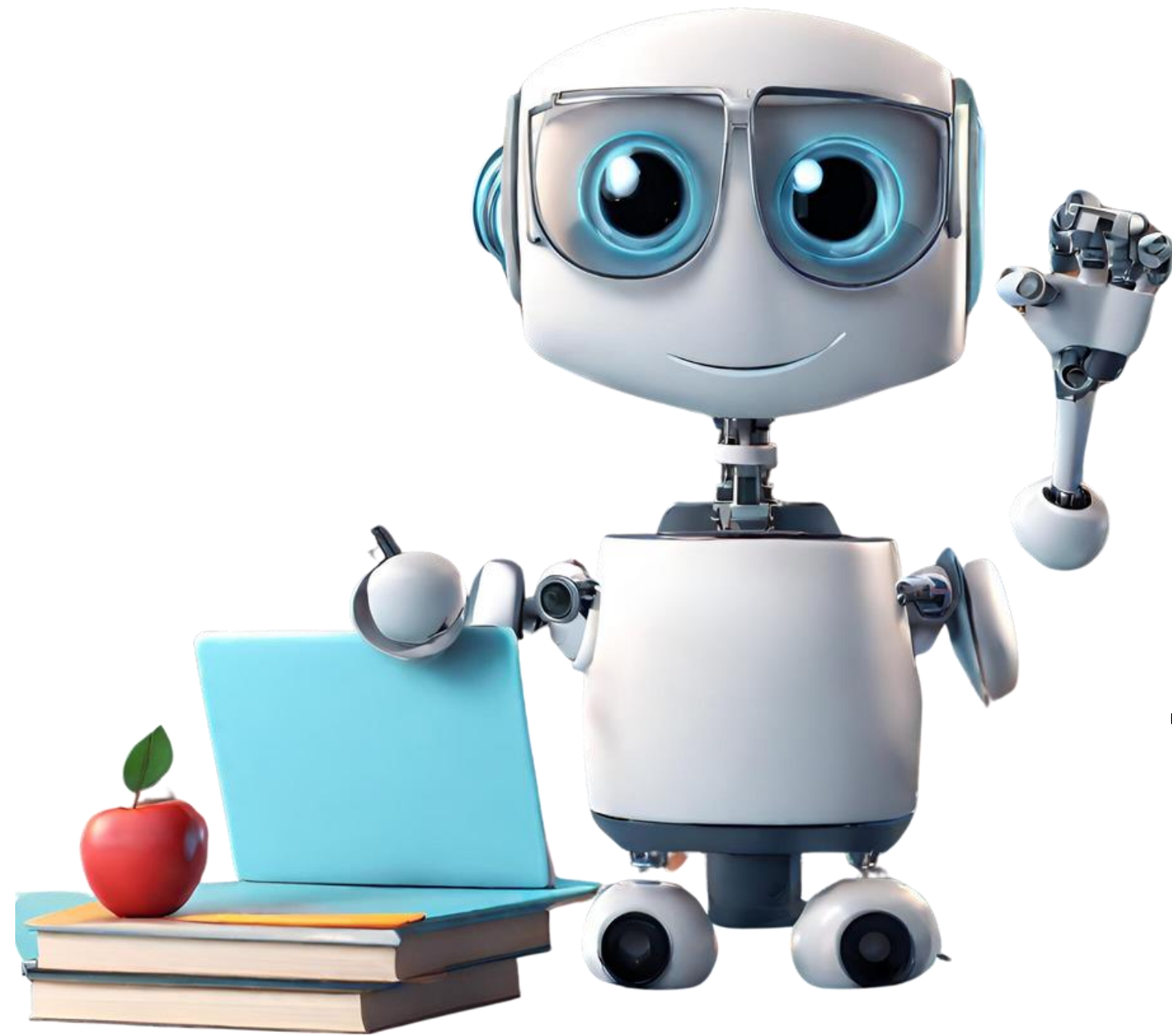


The AI Writing Compass: A Guided AI Usage Model for Classrooms

Permissions | Cautions | Prohibitions

By: Dr. Adriani Coleman





AidenTeach

Not Harder With Your AI Assistant

Experience the future of teaching. AidenTeach helps educators in Belize automate lesson planning, generate engaging activities, and manage classrooms — all powered by intelligent AI.

[Start Teaching Smarter →](#)[Watch Demo](#)

Here's your lesson plan for **Grade 6 Math** — aligned to the Belize national curriculum:

- ✓ Objectives defined
- ✓ Activities generated
- ✓ Assessment included

**200+**

Educators

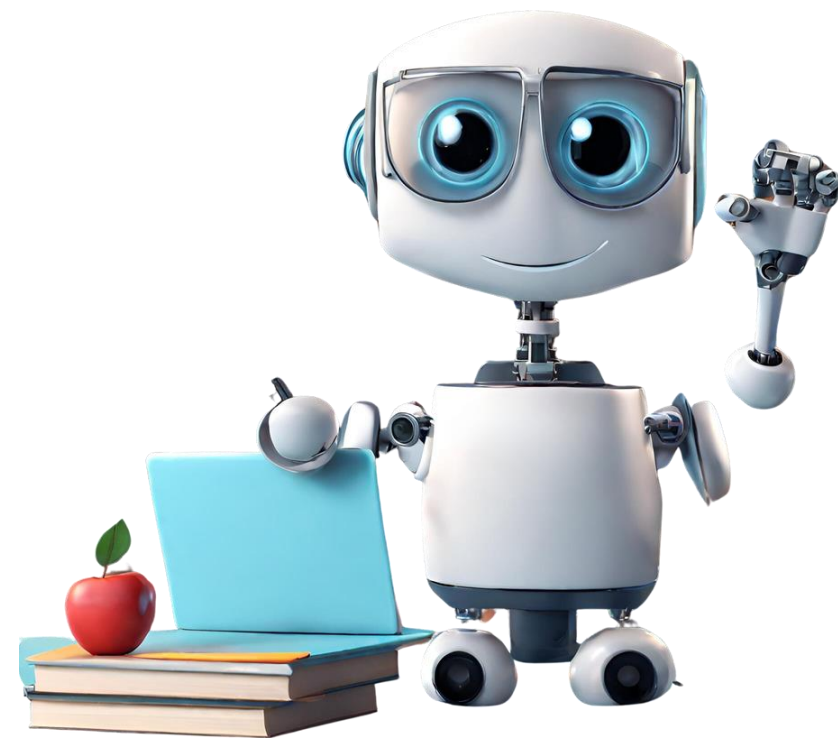
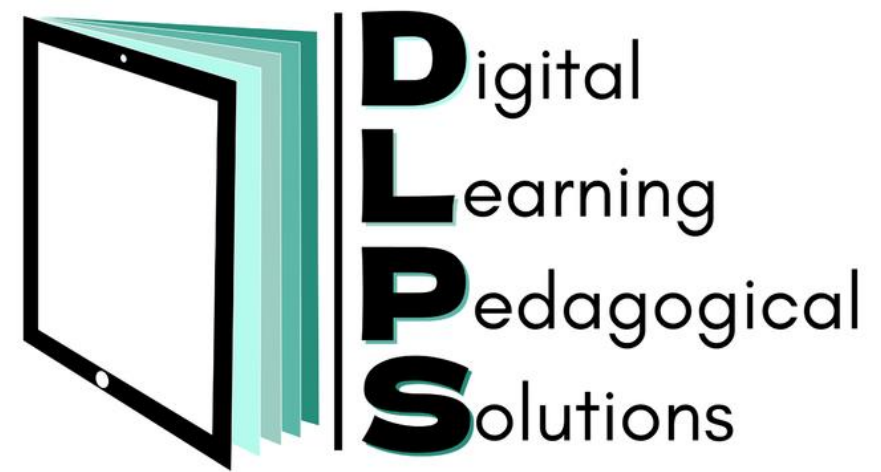
[Create a project-based activity for this topic](#)

Education 3.0 → 4.0 – Prepare for the Job Market

 Edu 2.0 (Past)	 Edu 4.0 (Future)
Teacher-centered	Student-centered
Memorize facts	Critical thinking
One right answer	Multiple answers
Pen and paper	Technology
Work alone	Collaboration

Education 3.0 → 4.0 – Prepare for the Job Market

Job Role	Edu 3.0
BPO Agent	Use comput
Tourism Manager	Use booking reviews
	Use I MS fir



AidenTeach
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