

ATP ASIA

MPM

EMPOWERING ASIA'S WORKFORCE

NOVEMBER 01-03，2026| KUALA LUMPUR

Innovation Roadshow

Beyond the Score: Innovating Feedback and Instruction with GenAI

Paul Edelblut

Vice President, Global Operations, Vantage Labs

Who We are

- Headquarters in USA with operations worldwide
- Leaders in advanced AI, Big Data solutions, Natural Language Understanding
- 2.2 Billion daily customers (likely including you!)
- 100 million assessments annually
- Scoring writing with IntelliMetric Artificial Intelligence since 1997
- Serving K-12, Higher-Ed, Corporate, Certification and Licensure Markets with industry leading EdTech tools for assessment and instruction
- Reports discussed today won the Association of Test Publishers 2026 Innovations Fast Pitch Judges Award and Audience Choice Award.
- Paul Edelblut-30+ years in education, 22 AI and Ed Tech, VP Global Operations, AIEOU Collaborator, Board Member A-ATP, National Science Foundation Innovation Corps National Team Member

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NSF I-Corps™ National Team

AIEOU AI IN EDUCATION

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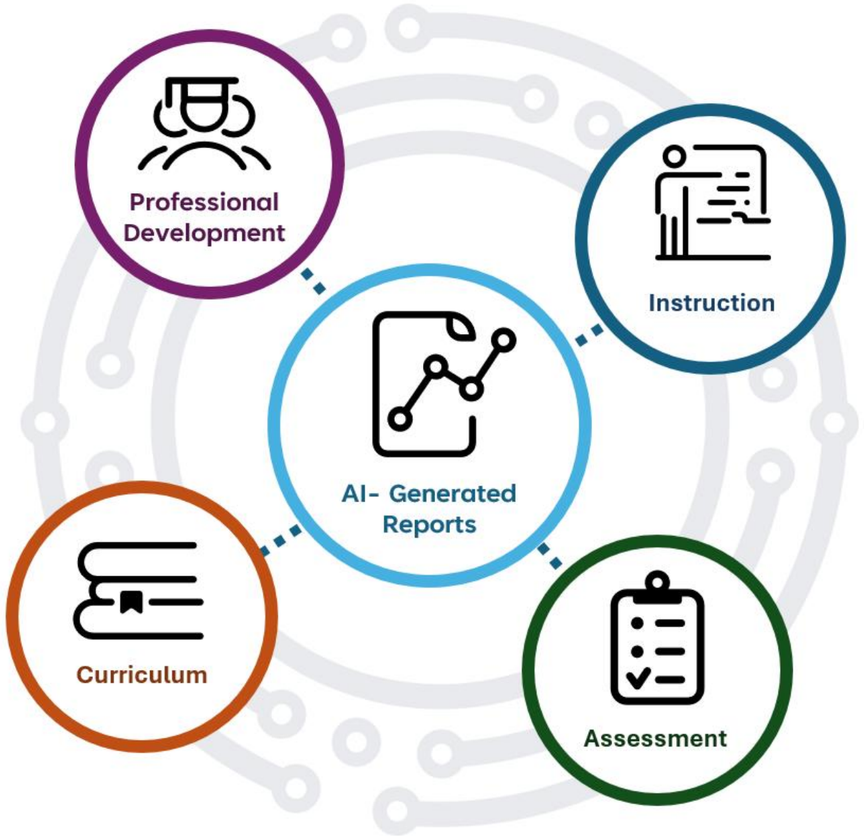
What We Built

- **AI-generated Teacher Reports + Standards-Aligned Next Steps**
- Strengths/needs mapped to
  - Standards
  - Content & Curriculum
  - Professional Development
- Evidence & rationale
- Clear instructional priorities
- Closes the loop from standards to instruction to assessment



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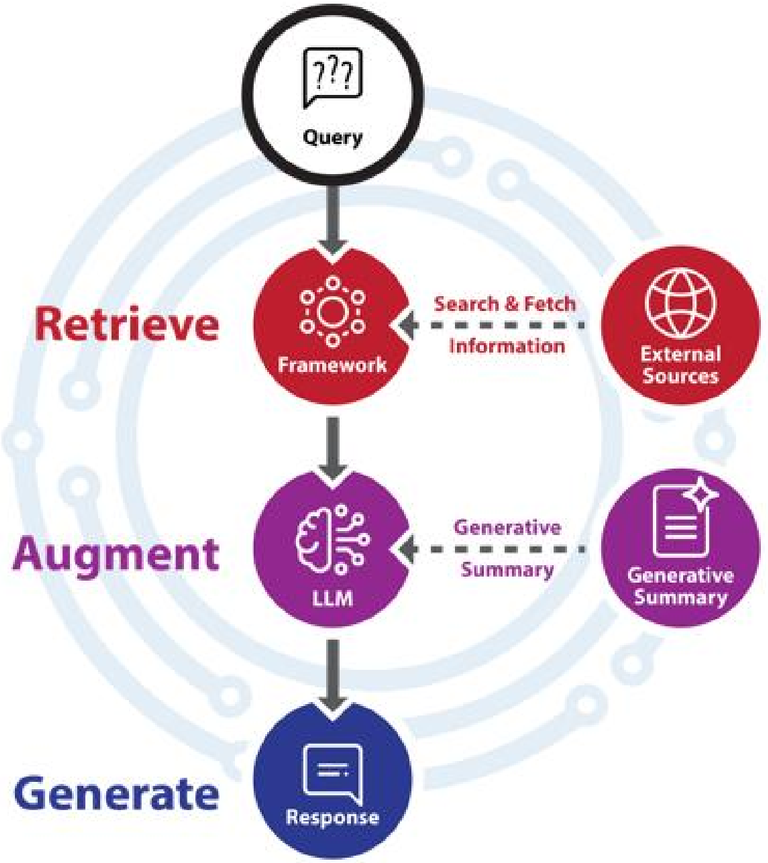
How It Works (GenAI + RAG)

Two-layer approach for accuracy & trust

- Traditional generative summaries for clarity
- RAG to ground outputs in approved research & resources
- Guardrails:
  - citations
  - versioned content
  - human review options
- EVERYTHING is evidence based



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Why It Matters (Impact and Value)

- **Actionable Instructional Intelligence Connecting Standards, Instruction, and Assessment**
  - Less educator burden
    - Fidelity of instruction and professional development
    - Faster intervention
    - Greater support for weaker instructors
- **More value and impact from existing assessments**
  - All learners/candidates are supported
  - Teachers are supported
  - Instructional fidelity ensured
  - Evidence-based instruction is the norm



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Classroom Writing Performance Report – Teacher Summary

This updated report analyzes class writing performance in response to the prompt: "Is digital play a good thing?" Students wrote multi-paragraph persuasive essays, drawing evidence from provided sources. Below is a trait-based analysis that integrates Self-Regulated Strategy Development (SRSD) strategies, specifically highlighting the STOP and DARE framework. Sample essays from your class are hyperlinked for reference. Students are grouped by last names into performance levels for each trait.

Class Overview Table:

Trait	Average Score	% Red	%
Focus/Purpose	3.0	25%	25
Content Development/ Elaboration	2.7	37.5%	25
Organization	2.7	25%	25
Language Use, Voice, and Style	3.1	25%	12
Grammar and Mechanics	2.9	25%	25

WriteAhead™ provides detailed TEACHER and STUDENT reports on strengths and weaknesses. Teacher reports can include links to national standards ensuring alignment of assessments and standards. Teachers can also receive evidence-based lessons to support students.

Trait-by-Trait Sections

Organization Score: 2.7/4

Class Strength: Good initial structuring and paragraph coherence. - Examples of Strength: - "To start off, I think digital learning works best..." (Sample Essay #5).

Performance Overview: Organization clarity needs strengthening, particularly in transitional elements. - Examples of Weakness: - Minimal transitions disrupting logical flow (Sample Essay

Performance Grouping:

Red: Burke, John, Williams, Max

Yellow: Garcia, Ana, Patel, Arjun

Green: Johnson, Emma, Martinez, Sophia, Smith, Liam, Zhang, Emily

Classroom Activities Organized by Performance:

Red: Guided organizational exercises using STOP and DARE mnemonic (Grahan 】. - *Modeling Example:* Teacher explicitly demonstrates creating structured outli judgment, Take a side, Organize ideas, Plan more as you write) and employing tran

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"next," and "finally."

Yellow: Scaffolded group practice focusing on transitional phrases (Graham & 】. - *Modeling Example:* Small groups collaboratively identify transitional phrases u sentence, Add supporting ideas, Reject counterarguments, End with a conclusion).

Green: Independent organizational workshops using peer feedback (Sanders et al., 2021) 【19†source】. - *Modeling Example:* Students independently draft essays with the STOP and DARE strategies and exchange papers for peer review focused on structural coherence.

Language Use, Voice, and Style Score: 3.1/4

Class Strength: Students show good engagement and voice in their arguments. - Examples of Strength: - "Imagine how much fun it would be..." (Sample Essay #5).

Performance Overview: Students expressively convey their views, though some struggle with consistent style. - Examples of Weakness: - Simple language with minimal stylistic variety (Sample Essay #3).

Performance Grouping:

Red: Burke, John, Williams, Max

Yellow: Garcia, Ana

Green: Patel, Arjun, Johnson, Emma, Martinez, Sophia, Smith, Liam, Zhang, Emily

Classroom Activities Organized by Performance:

Red: Teacher-led exercises to enhance vocabulary and style using STOP and DARE framework (Santangelo et al., 2008) 【17†source】. - *Modeling Example:* The teacher introduces descriptive vocabulary through STOP (brainstorming) and DARE (refining and elaborating ideas).

Yellow: Guided practice on incorporating engaging language using STOP & DARE (Mason, 2021) 【25†source】. - *Modeling Example:* Students use STOP to plan expressive language and apply DARE to craft engaging sentences collaboratively.

Green: Advanced peer-led style enhancement workshops using STOP and DARE (Harris & Graham, 2008) 【17†source】. - *Modeling Example:* Students independently apply STOP and DARE in writing sessions, followed by peer critiques emphasizing voice and style.

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Why It Matters
(Impact and Value to Teachers and Students)

ELIZABETH PUBLIC SCHOOLS

PILOT AT A GLANCE

1	3	552	2,249	21%→33%	12%
Common Assessment	Schools Connected	Students Impacted	Total Essays Analyzed	Proficiency Increase	Overall Increase

PATHWAY TO WRITING GROWTH

A 3-WEEK SUMMER INSTRUCTIONAL CYCLE



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Why It Matters (Impact and Value to Teachers and Students)

PILOT RESULTS

WRITING DOMAIN	% GROWTH
HOLISTIC SCORE	14.29%
FOCUS	9.52%
DEVELOPMENT	10.53%
ORGANIZATION	15.79%
LANGUAGE USE	9.52%
GRAMMAR	10.00%

SURVEY RESULTS SHOW

- The Classroom Report made instructional data easier to locate and use for planning.
- It supported differentiated instruction for students.
- It presented information in a manageable, teacher-friendly format.
- It demonstrated strong potential to improve student writing throughout the school year.

> *"WriteVue is a valuable instructional tool that will continue to help teachers identify classwide writing trends, inform lesson planning, and help create targeted small group instruction."*

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Let's continue the conversation:

Paul Edelblut, Vice President Global Operations

pedelblut@vantage.com

Phone/Whatsapp: +1-267-991-4435

LinkedIn: https://www.linkedin.com/in/paul-edelblut-82b37a/

Bluesky: https://bsky.app/profile/pauledelblut.bsky.social