



## INSTRUCTIONAL AI Frequently Asked Questions

**What stops students from asking AI to revise their essays? That's what I'm seeing in the classroom. Students are using AI but not learning how to revise.**

With AVID® Instructional AI, students are writing their assignments on the platform and receiving real-time feedback as they do so. This means they are revising as they are writing, advised by the coaching the instructional AI provides, which eliminates the need to have Generative AI revise the essay for them.

**Can you explain how the feedback works as a “red pen”?**

Our AI is an engine — a combination of more than 50 AI models and rules that have matured over a 6-year period. These models include rule-based Python models, machine learning, and natural language processing models.

**How does it work? Do I have students paste their entire paper into Chat and request "feedback"?**

When using AVID Instructional AI, students type their essay into the Deep Dives portion of the platform. This allows the real time feedback to be utilized throughout the writing process, supporting the development of their critical thinking and writing skills.

**Can we get prompt examples for students to use to get feedback on their writing?**

As part of the AVID and Packback partnership, there are lessons available for both AVID® Elective grades 9–12 and AVID® Excel Elective grades 7–8 which support using AVID Instructional AI in AVID courses. There are 12 lessons for each. Prompts will be available based on specific AVID lessons. You can also check out this help article [Instructor Resource: Course Agnostic Deep Dive Prompts and Rubrics](#) for examples.

**Do you have specific examples of already existing Digital Writing Tutor AIs? Could you give us a walkthrough on how they work? What about other subjects?**

The digital writing tutor we showcased during this presentation was the AVID Instructional AI platform powered by Packback Questions and Deep Dives. The platform uses AI coaching and feedback to teach students how to write and think critically to leverage and find their unique voice.

**I would like an example of how the mechanics work. Do I run a student's paper through a program? Which one?**

To learn more about how instructional AI works, please visit: [www.avid.org/ai](http://www.avid.org/ai).

**Are there ethical concerns about entering students' work into AI? Perhaps this is another difference between generative AI and instructional AI? Would instructional AI then not make the students' work part of answers to someone else's AI questions or searches?**

Instructional AI eliminates the prospect of ethical concerns. Instructional AI never does the work for students or repurposes somebody else's work as the students. Instructional AI functions more like a one-on-one personalized tutor for the student, offering them feedback and suggestions as they write.

**What is the name of the Bloom's strategy that was referenced during the Webinar?**

Bloom's 2—Sigma Problem. Bloom's 2 sigma problem refers to the educational phenomenon that the average student tutored one-to-one using mastery learning techniques performed two standard deviations better than students educated in a classroom environment. It was originally observed by educational psychologist Benjamin Bloom and reported in 1984 in the journal *Educational Researcher*.

**These are all great uses, and I would like to explore them. What tools are these and how do we implement them?**

AVID Instructional AI powered by Packback Questions and Deep Dives are the programs being used in each example.

**What AI are you using that gives you the Curiosity Score?**

The AI giving the Curiosity Score is Packback's proprietary AI model which is a combination of more than 50 AI models and rules that have been matured over a 6-year period. These models include rule-based Python models, machine learning, and natural language processing models.

**What program can help with immediate feedback?**

Both Deep Dives and Questions (the platforms offered by AVID Instructional AI) provide users with immediate AI-aided feedback.

**What program would we use to implement the Digital Writing tutor?**

As part of the AVID Instructional AI package, Deep Dives can be used as a digital writing tutor and both Deep Dives and the discussion-based platform, Questions, offer real-time feedback to students.

**Can AI help streamline course material in an asynchronous course?**

Short answer—yes! AI is a tool and with any tool to be successful, people must be taught how to use the tool. By teaching students how to use AI, it can be helpful in many areas including asynchronous courses.

**How is the AI built and trained?**

Packback's AI is an engine—a combination of more than 50 AI models and rules that have been matured over a 6-year period. These models include rule-based Python models, machine learning, and natural language processing models.

**Is there a link that can share more info about how AI can be used to help students identify and revise errors as opposed to doing it for them? Or is this just dependent on asking AI the right question?**

You can sign up for training to inquire about adding access to AVID Instructional AI as part of your AVID membership or look at exploring the tool for other courses: [avid.org/ai](https://avid.org/ai)

**Can I send my rubric to the AI and it uses my rubric to review the paper?**

In Deep Dives, instructors can build their own rubric which will utilize instructional AI to support their students as they write their assignment.

**When will Instructional AI be available to the other middle school AVID Elective classes?**

We have had a large interest in middle school AVID Elective classes and are continuing conversations about expanding into middle school AVID courses.