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Inputs

What do educators do to create and facilitate powerful learning experiences?

> Plan, Create, and Deliver **Engaging Instructional Experiences**

Facilitate Low-Stakes Practice Opportunities

Clarify Student Understanding

Assess Student Mastery & Review Data to Inform Instructional Decisions

Provide Additional Support to Struggling Students

Create an Environment Where All Students Feel Set-Up to Succeed

Activities

How does Pear Deck Learning support an educator's impact?

Interactive Instruction



- Insightful **Teacher Dashboard** enables educators to monitor student input, address misconceptions, and adjust instruction.
- Anonymous student responses invite students to contribute and collaborate without fear of being incorrect.
- Student-Paced Mode and Flashcard Factory offer independent study opportunities and foster student engagement outside of direct instruction.

Gamified Differentiated Practice

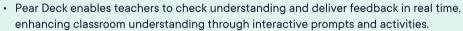


- · A robust content library with certified, standards-aligned Math and ELA content fuel independent and collaborative practice.
- · Personalized process-oriented explanations accompany independent practice with certified content.
- A gamified practice experience enables students to collaborate with their classmates and engage with material in a low stakes environment.
- Practice Assignments enable teachers to differentiate instruction by selecting specific students to complete each assignment.
- **Daily Remixes** surface personalized practice recommendations based each student's unique learning needs and optimal spacing cadence

Real-Time Feedback







- Pear Practice Explain feature offers instant corrective and elaborative feedback, aiding student understanding and prompt adjustments.
- Pear Assessment's Live Class Board provides teachers with detailed real-time progress data during live assessments, allowing for immediate feedback and instructional adjustments.
- In Pear Tutor sessions, tutors create focused plans to help students achieve learning goals and provide personalized, process-oriented feedback and encouragement to enhance student persistence.

Assessment & Holistic Insights



- Ability to create **controlled testing environments** where students can focus on demonstrating their knowledge without digital distraction.
- An extensive library of rigorous content support preparation for state summative assessments and standardized mastery requirements across a large number of subject
- Granular progress monitoring tools allow educators to **organize student performance** data enabling timely support and intervention for individual students.
- Data Studio feature allows users to combine data for analysis and visualization enabling data-driven instruction.

Academic Intervention



- Pear Tutor supports schools and districts as a tool in their intervention structure, providing 24/7 access to supplemental instruction and support for students at every point of their learning journey.
- Tutoring support via **synchronous video**, **audio calls**, **and chat** enables students to receive support in the way that works best for them.
- Pear Tutor tutors are trained on evidence-backed learning strategies to create a unique instructional experience that provides one-on-one support focused on addressing a student's individual learning needs and better preparing them for in-class learning.

Accessibility







- Pear Deck Learning prioritizes inclusivity and accessibility for diverse learners. emphasizing an inclusive educational experience.
- Pear Deck Learning offers versatile response options, including typing, drawing, and dragging, enabling students to express themselves based on their learning preferences.
- Pear Deck Learning thoughtfully integrates diverse, culturally relevant content to represent learners' backgrounds and promote inclusivity.
- Pear Deck Learning supports students throughout their learning journey, empowering educators to monitor progress and tailor support while granting students autonomy in shaping their learning experiences.

Outcomes

What does the research tell us about the potential benefits of Pear Deck Learning when it is used to support effective learning practices?

Enhanced Academic Achievement and Engagement

- Student-centered lessons that include active learning elements, such as discussion, interaction, and student response technology, have been linked to improved engagement in learning and higher classroom retention rates1,2
- Employing low stakes practice tests has been shown to result in significant learning gains across ages, abilities, and disciplines^{3.}
- · Higher rates of effective feedback have been linked with increased achievement outcomes, engagement, time on task, and favorable classroom behavior3,4.
- Research on progress monitoring for at-risk students has demonstrated that when teachers adjust instruction in response to progress monitoring measures for an individual student, they may see significant gains in academic achievement⁵.
- Access to OST tutoring resources has been shown to result in significant positive achievement gains for low-achieving or at-risk K-12 students in reading and mathematics⁶

Ability to Scale Differentiated Instruction and Close the **Opportunity Gap**

- Classrooms that emphasize the delivery of timely and effective feedback and provide a structured and adaptable learning environment that meet students' unique needs are more effective at cognitively re-engaging at-risk students.
- Employing regular low-stakes formative and dynamic assessment strategies has been found to significantly decrease self-reported measures of test anxiety in English as a Foreign Language learners⁵.
- Progress monitoring has been shown to be an effective way to direct teachers towards influential factors of student progress and to signal the need for additional or alternative instruction8
- Research on academic interventions has demonstrated that access to tutoring resources, supplemental instruction, personalized feedback, progress monitoring, and collaborative learning can have a statistically significant impact on student achievement^{9,10}.
- Research indicates that online learning resources that do not meet accessibility needs may exacerbate differences in learning outcomes as students move into secondary educational institutions¹¹.

Improved School Climate and Culture

- Improvements in motivational outcomes such as positive attitudes towards school, persistence, sense of efficacy, and self-esteem have been shown to occur as a result of collaborative learning¹².
- Higher rates of timely and effective feedback have been shown to result in increased levels of self-efficacy and self-reported feelings of competence in students³.
- The use of formative assessment and progress monitoring strategies has been shown to be effective for gathering widespread insight into student learning progress¹³, assessing the quality of a learning procedure or program¹⁴, identifying areas to adjust instruction to support individual students¹⁵, and ultimately can lead to more valid decisions being made at all levels of the school¹⁶



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Pear Assessment



Pear Deck Tutor

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