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Introduction

The TEACH model is a teacher-centric approach was developed by a group of researchers at Indiana University. It was adapted from the competency-based learning (CBL) framework to establish a certain quality of feedback that helps educators fulfill the intended learning outcomes, such as building critical thinking skills, accountability, and active class participation. With this framework, educators are able to design their activities to utilize peer feedback as a measure of their success.

Any activity that is tied together with a detailed feedback process helps students develop the necessary soft skills such as communication analysis, and cognition. Along with positively impacting their learning and interaction with the course content, students are able to carry themselves with confidence when they communicate with their peers.

Encouraging students to actively participate in the classroom and apply the feedback they receive from their peers opens their minds to new ideas and wider perspectives to better understand the subject. Vollmeyer & Rheinberg found that students who gave and received feedback on their assignments demonstrated <u>higher knowledge acquisition and application skills</u>.

While delivering feedback that is useful and measurable is a skill that comes with practice, the TEACH framework ensures that students are receiving timely, explicit, appropriate, considerate, and helpful evaluations. The elements of the TEACH model are built into Kritik's peer assessment tool as activities are designed to encourage active student participation and critical feedback.



Elements of TEACH framework



Timely

Students should receive (T) timely, differentiated support based on their individual learning needs



Explicit

Instructors should identify (E) explicit, measurable and transferable learning expectations and competencies



Appropriate

Instructors should provide (A) appropriate feedback based on the students' level and help them (A) advance when they have demonstrated competencies



Considerate

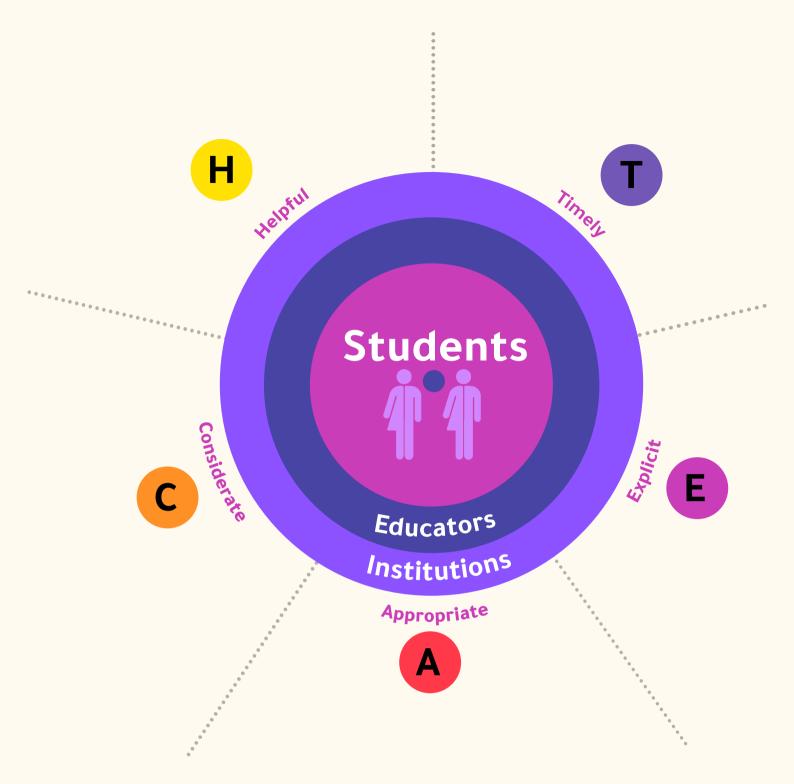
To provide learning outcomes that emphasize (C) competencies that include application and creation of knowledge, along with the development of important skills and dispositions



Helpful

Assessors should provide meaningful comments and (H) helpful feedback to foster a positive and constructive learning experience





TEACH model in the feedback process is designed to enhance the development of the necessary soft skills that help students grow into well-rounded professionals. Feedback is only useful if it is delivered in a **(T) timely** manner, within a week or two of the deadline, for the assessment to be useful for the student to improve before their next assignment.



Delivering feedback that can add value to your peers' growth requires being (E) explicit on the what exactly can be improved, identifying the learning gaps and suggestions on how the assignment can be made better. This will help the student to take a step back ,and reflect on the learning objectives into personal, relevant, or specific experiences.

By recognizing the varying level of understanding of the topic among students., (A) appropriate feedback should be given based on the objective and the content of the course. Using a rubric to measure how the student performed against the criteria to determine if they were able to grasp the concept with a critical mindset.

In the feedback delivery process, it is important that our biases don't cloud our judgement. Ensuring that (C) considerate and unbiased feedback using sensitive language irrespective of medium (video, audio, written) should result in creation of knowledge.

This type (H) helpful feedback should contribute to a meaningful and positive learning experience is motivational yet critical with a clear direction that puts the student on the right path to improving their future performance.

TEACH framework for your rubric

	Criteria	Level 1: Beginner	Level 2: Expert	Level 3: Proficient based on standard practice
T	Timely	Giving students feedback too late or too early	Giving students feedback on- time	Giving students feedback before progression to a new subject especially when prerequisite skills are needed. This is useful for future student performance improvement.
E	Explicit	Giving students feedback without personal, relevant and specific comments	Giving students feedback that is specific to their work, making them feel like you are speaking to them	Giving students explicit feedback on what can be improved, where it can be improved, and how it can be improved. By describing observable changes that can be applied to their coursework, measurable and personalized feedback allow students to reflect on their future performance.
A	Appropriate	Giving students feedback containing jargon, or comments that are too easy or too complicated for the learner	Giving students feedback that exceeds each learning objective, standard, or competency	Giving students feedback that is appropriate to the level and the content of the course. Providing students with a rubric to show the alignment between the assessment grade and the assessment feedback. Making feedback appropriate to the type of assessment.
C	Considerate	Giving students feedback without considering the learning outcomes	Giving students feedback to encourage various forms of dialogue to achieve the learning outcomes	Giving students considerate, unbiased and motivational feedback using various types of feedback methods (video, audio, written) that is considerate to the student's learning style.
Н	Helpful	Giving students feedback that does not help them improve their work	Giving students feedback that is actionable	Giving students helpful feedback that includes specific actions, areas for improvement, and solutions that they can take to improve their future performance.



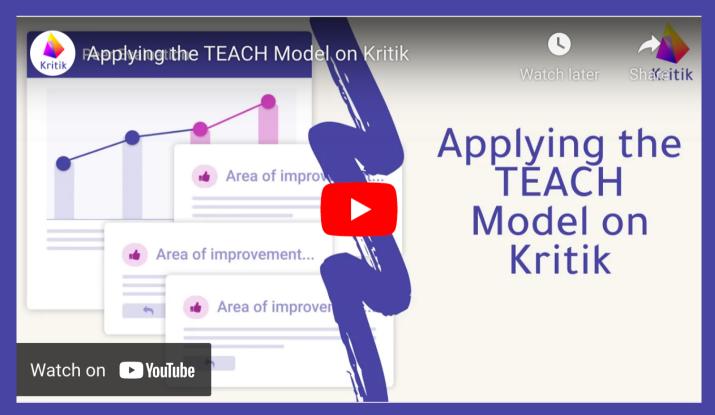


Competency-based learning

Competency-based learning (CBL) is a results-driven learning system, allowing students to develop the necessary skills for their academic or professional careers before advancing to their next level. It is an efficient and effective way to engage students in the classroom and help them apply their knowledge and skills to real-world experiences. Unlike traditional teaching models, CBL strategies can create customized learning activities with peer assessment to shift from teacher-centered education to learner-centered education.

CBL has gained the interest of many higher education institutions to:

- Improve learning outcomes and academic performance
- Enhance soft skills essential for dynamic workforce requirements
- Reduce technical grading burdens, to enable educators to focus on mentoring and coaching their students





In a <u>2018 Job Outlook survey by NACE</u>, critical thinking/problem solving skills is the most essential competency among new hires. This reaffirms the importance of more collaboration and dialogue to understand different viewpoints inside and outside the classroom.

CBL also allows students to learn at an individualized pace. It has been shown to significantly improve memory performance, especially if they have trouble grasping the concept. By adopting the TEACH model educators can ensure timely, appropriate, and personalized feedback for students. As students learn at their own pace, the quality of feedback they receive encourages them to maximize their learning capacity and critical thinking skills.

Students learn better when they focus on achieving competencies outlined clearly by rubrics and the objectives given at the outset. This allows them to provide and receive feedback based on their competencies.

Kritik's peer assessment tool enhances the dialogue between educators and students through disputes, flags, <u>spotlights</u>, and comments that can be accessed through the dashboard. As students experience self and peer learning on Kritik, they apply, they apply their knowledge of course material and receive feedback from their peers and educators.

Kritik + TEACH framework

Kritik is a peer assessment platform that facilitates competency-based learning. Delivering feedback through the TEACH framework guides students to provide quality feedback, it also emphasizes the development of soft skills necessary to succeed in the workplace.

Here's how Kritik acts as the most comprehensive peer feedback tool that educators and students can use to support student growth and learning:

For Professors/TAs	For Students
Monitor measurable and achievable metrics	Understand expectations and learning objectives clearly through a well-defined rubric
Scaffold larger assignments that require personalized feedback	Develop fundamental soft skills like critical thinking
Create multiple opportunities for self-reflection	Get multiple viewpoints to get a thorough understanding on the topic
Calibrate students for accuracy of grade	Learn how to deliver effective evaluations or dispute your scores toward fairer grades
Ensure self-management and accountability by trusting students to learn by doing	Stay immersed in a collaborative learning experience through peer assessment
Provide additional feedback to help students grow from it when peers are not providing enough feedback	Get an opportunity to give feedback on evaluations
Share the best creation to teach student how to use the TEACH model	Improve performance from best example submitted by a peer that the professor has spotlighted







Transforming Students into Critical Thinkers

Kritik is the **#1 peer learning platform** to engage students, increase student interactions and reduce educators' grading burden.

