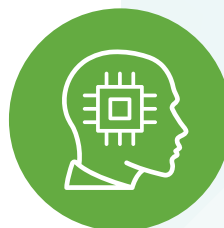


Learning Science Year in Review

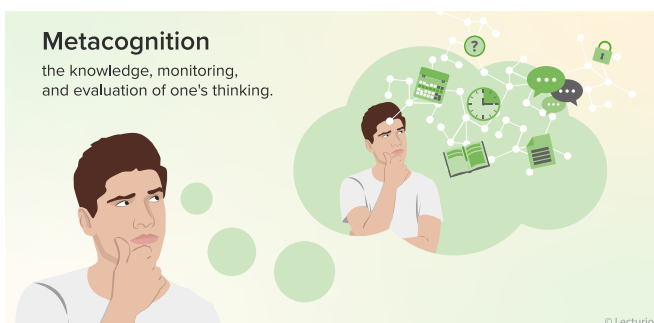
How to Turn Lessons Learned
into Actionable Steps for Success
in 2023



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This template has been designed to help healthcare educators and educational specialists **implement and apply** evidence-based educational strategies. In this resource, you may find a bundle of handouts to be used in your course

planning. You may also access our library for **articles** and event **recordings** for further reminders and expansion of your knowledge on the different topics we have covered during 2022.



Metacognition

Do You Really Know What You Think You Know?

This resource provides a background of what metacognition is, its relevance in medical education, and explores the evidence which supports this important strategy.

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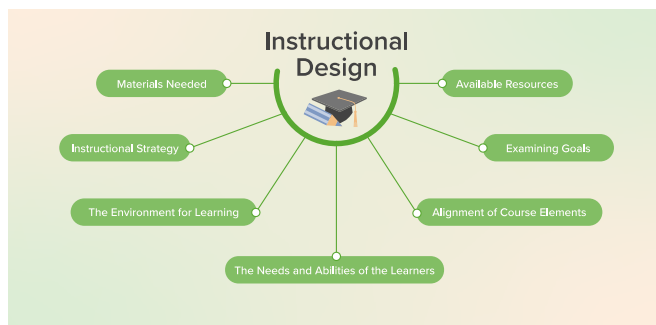


Active Learning

Augmenting Student Engagement and Understanding

This resource focuses on active learning which engages students in dynamic learning approaches and promotes better retention of critical medical knowledge. It explores the science behind the educational practices of elaboration, generation, and reflection, which are especially important in the education of future health professionals, and suggests practical applications for physical and digital classrooms.

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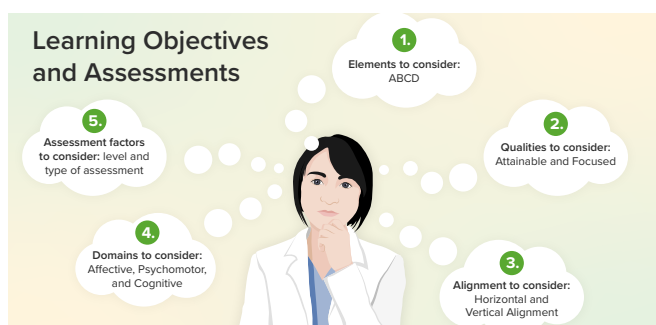


Instructional Design

How Best to Optimize the Learning Process

This resource focuses on the topic of Instructional Design, which has been defined as a body of knowledge that prescribes actions to optimize learning outcomes, therefore linking learning theory to educational practice. The systematic design of instruction helps ensure the development of high-quality learning experiences.

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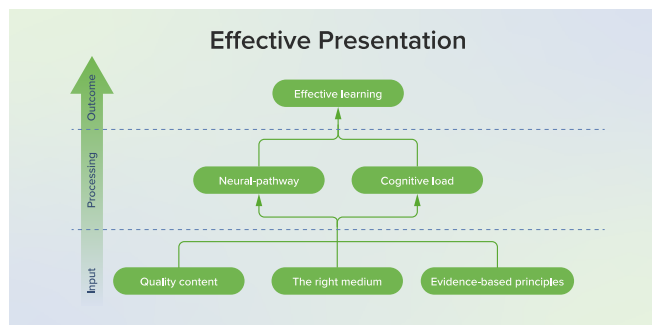


Learning Objectives and Assessments

How Best to Optimize the Learning Process

This resource focuses on learning objectives and assessments, which serve as essential elements to measure learning and ensure that students have grasped and acquired the intended concepts. Educators rely on observable behaviors and demonstrated knowledge as indicators of students' skills, knowledge, and dispositions, which may include creating a concept map, demonstrating suturing skills, or communicating compassionately with patients. These desired observable behaviors are defined and communicated in learning objectives, which are short statements of what a learner will be able to do as an outcome of instruction.

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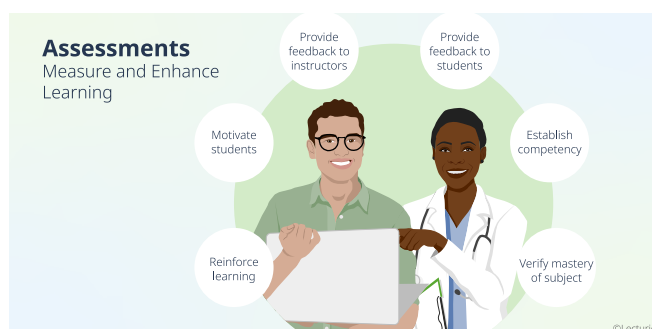


Effective Presentations

Evidence-based Strategies that Facilitate Learning

This resource focuses on the topic of Effective Presentations, which have a set of key qualities: they are appealing, engaging, informative, and concise. Effective presentations gain attention and captivate the audience, but most importantly, they convey information and ideas memorably and efficiently. Using evidence-based principles in educational multimedia can ensure the development of high-quality learning experiences.

[Download seminar handout](#)



Assessments

New Uses for an Old Tool

This resource focuses on assessments and features a discussion on the modern uses of technology in assessments. Educators and students alike often think of an assessment as the final stop on the path of learning. Our current understanding of cognitive and neuroscience has taught us, however, that assessments can be an invaluable learning tool as well as a means of evaluation.

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