

ADAPTING TO THE EDUCATIONAL CLIMATE: UNLEASHING THE POTENTIAL OF ACTIVE LEARNING IN SCIENCE EDUCATION

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ABSTRACT

In this keynote presentation, we delve into the transformative power of active learning and its seamless integration within the evolving educational climate. We explore the concept, practical implementation, and the myriad benefits and challenges of active learning in diverse Science educational settings. As participants, you'll have the unique opportunity to actively engage in learning activities, experiencing firsthand the dynamic nature of this pedagogical approach. We'll delve into how active learning can be effectively applied in practice, showcasing its remarkable adaptability across various educational environments, including traditional classrooms and the rapidly growing landscape of online learning.

Drawing inspiration from real-world experiences, we'll highlight successful active learning initiatives at RMIT University, illuminating the institution's commitment to fostering an interactive and transformative learning environment. Central to our discussion will be RMIT's pioneering Active, Applied, and Authentic (AAA) Signature Pedagogy, a powerful framework that incorporates active learning methodologies into the very fabric of its curriculum.

Together, we'll unlock the full potential of active learning, recognizing its ability to propel education forward in an ever-changing world. Be prepared to be inspired and equipped with practical insights on how to embrace and harness the power of active learning in Science Education.

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