

ChatGPT in Team-Based Learning



- While we are waiting to get started, please introduce yourself in the Zoom chat – tell us what you teach and which institution you are at.
- We would be conducting several polls and asking open ended questions today. We encourage you to participate.

Introduction: Host



Shreya Verma

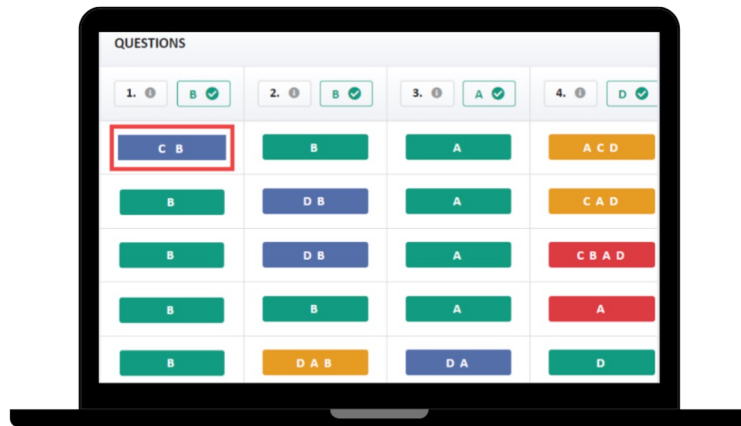
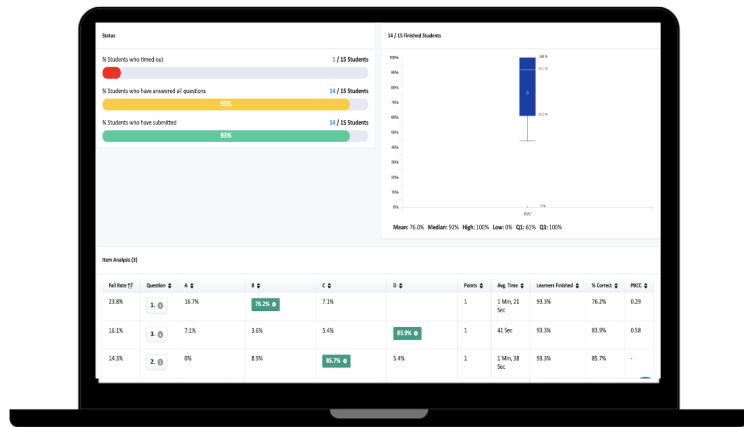
Director of Marketing and Partnerships
*Leads the faculty development program at
InteDashboard*



Sabrina Yusri

*Content Marketing Executive
InteDashboard*

About InteDashboard



InteDashboard is an all-in-one team-based learning platform used by **more than 100 institutions across the world.** InteDashboard enables educators to streamline their TBL classes and optimize learning outcomes for students by looking at real-time performance data. InteDashboard is also a pioneer in providing online TBL training for educators.

Learning Objectives

At the end of the session, the participants should be able to:

- Define ChatGPT, its benefits and considerations in a TBL classroom
- Describe some of the practical ways of integrating ChatGPT in your TBL teaching
- Describe how educators can orient students on use of AI tools
- Discuss the future of AI for TBL sessions using InteDashboard

Agenda

Agenda	Description	Duration
Introduction to AI	• Overview of TBL • Overview of AI and ChatGPT	5 mins
Use of ChatGPT in teaching	• Demonstrate how teachers can effectively utilize AI to build TBL module	15 mins
Writing MCQs	• Strategies on writing MCQs using AI assistance	10 mins
Orienting students	• Strategies on student orientation on use of AI	15 mins
Future of AI and InteDashboard	• InteDashboard - What are we planning to build?	10 mins
Summary and Reflection	• Q&A	15 mins

Our Panelists



Annetta Dolowitz
PhD Candidate
TBL Instructional Designer
DoloWay Consulting



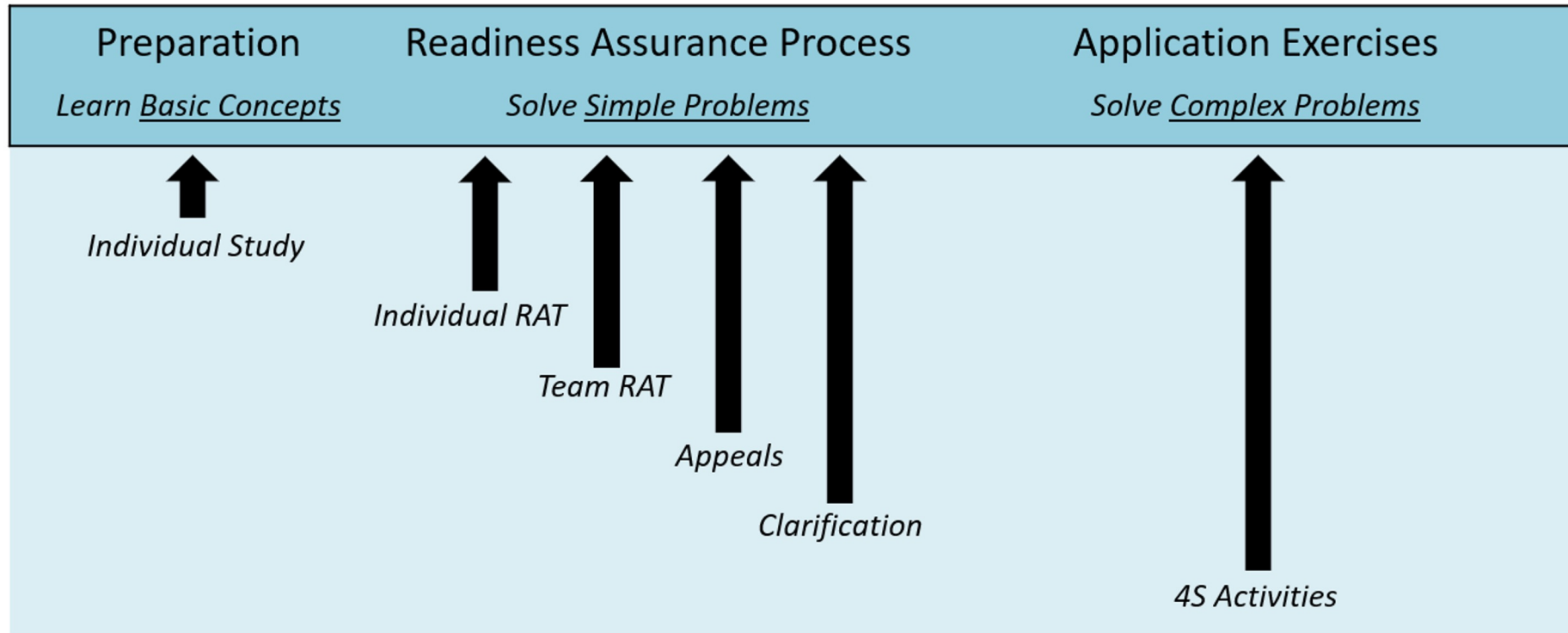
Dr. Sarada Bulchand
Assistant Professor
Duke-NUS Medical School



Mark Png
Chief Technology Officer
InteDashboard

What is Team-based Learning?

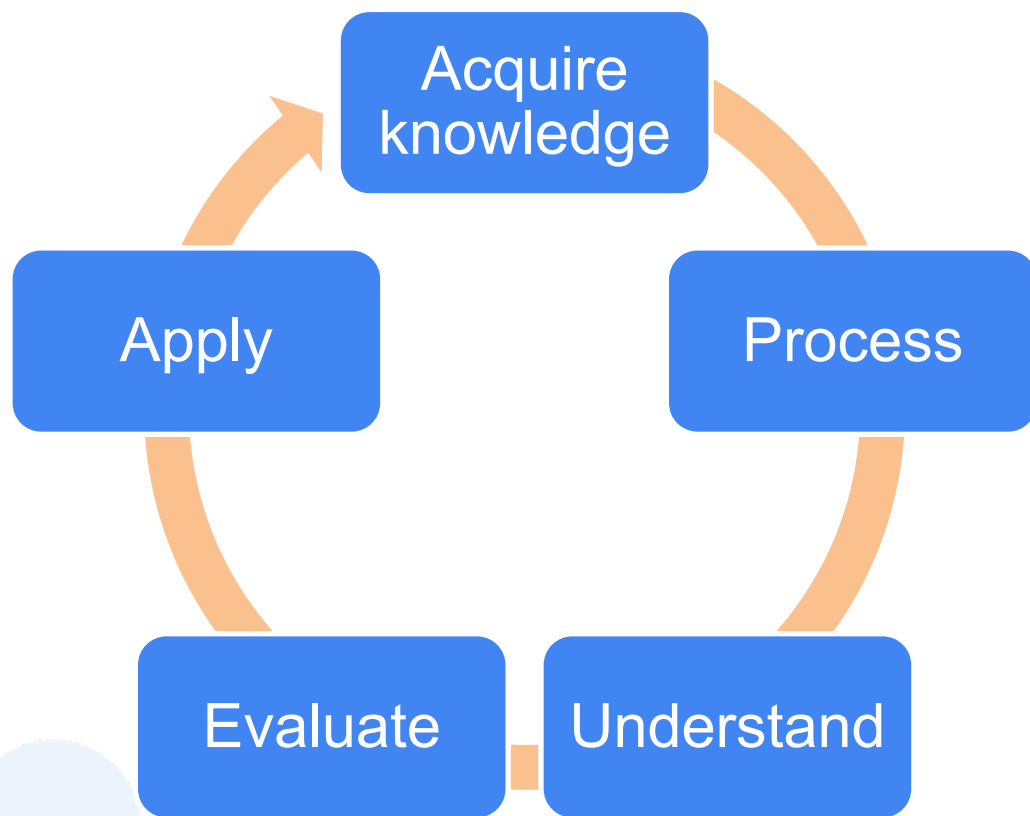
Team-based Learning



Provides students the opportunity to use their higher order thinking skills and solve problems under expert guidance

What is Artificial Intelligence?

Artificial Intelligence



- Development of systems/machines that can perform tasks that would typically require human intelligence.
- AI aims to create intelligent systems that can perceive and understand the environment, reason and make decisions, learn from data, and communicate/interact with humans in a natural and meaningful way.

Cognitive skills:

- Reasoning
- Problem-solving
- Learning & Memory
- Language comprehension
- Decision-making

What is ChatGPT?

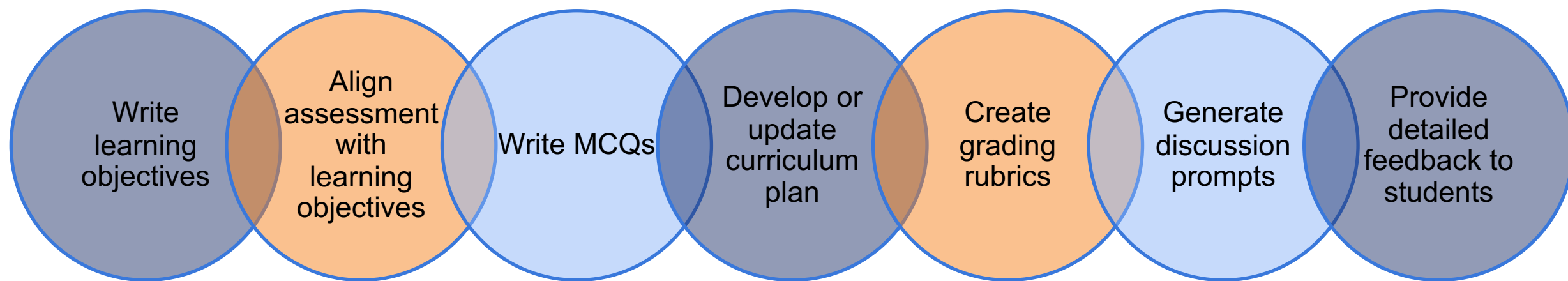


- A powerful AI language model developed by OpenAI
- Launched on November 30, 2022
- Fastest growing app of all times
- Designed to generate human-like text responses based on provided prompts and context
- It excels at generating coherent and contextually relevant responses, making it a valuable tool for educational applications

Relevance of ChatGPT in a TBL Classroom

Using ChatGPT to build TBL module

How can educators utilize ChatGPT to build effective TBL modules?



Key Takeaways

- AI is inevitable. ChatGPT is here to stay. Recognizing the value of ChatGPT can lead us to a more open-minded perspective that fosters its integration and benefits in our lives.
- ChatGPT can be used as a supplementary tool in a TBL classroom if use of ChatGPT aligns with the learning outcomes.
- While ChatGPT can be a useful resource, it is essential to critically evaluate and refine the questions it generates to ensure they align with educational goals and promote meaningful higher-order thinking skills development.
- Teachers need to orient students on how to utilise AI tools and be transparent about use of AI in building the curriculum.

Benefits and Considerations of use of ChatGPT in education

Benefits

- Personalised learning
- Content creation
- Automated grading and assessment
- Enhanced accessibility

Considerations

- Data privacy concerns
- Ethical use of data
- Human oversight remains crucial
- Bias and Fairness

Striking the right balance between technological advancements in AI and human interaction is crucial for creating effective and inclusive learning environments.

Using ChatGPT in creation of higher-order thinking skills questions

Challenges

- Lack of context understanding
- Overreliance on existing knowledge
- Difficulty in fostering creativity
- Ethical concerns

Strategies to employ

- Clearly define learning objectives
- Provide context and guidelines
- Iterate and refine: Experiment with different prompts, review and refine the generated questions.
- Scaffold the process
- Curate and evaluate generated questions
- Incorporate real-world connections



Embrace

Balance

Enhance

Thank You!

- We will send out a feedback survey
- We will send out the recording of the session
- If you interested to beta-test AI grading for VSAQs, please write to us at marketing@intedashboard.com