

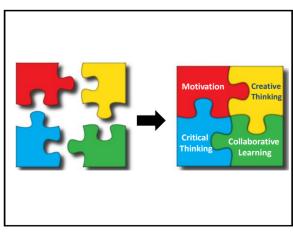




How do we define smart education, and what are its core components? Can you share your insights into our definition and framework?

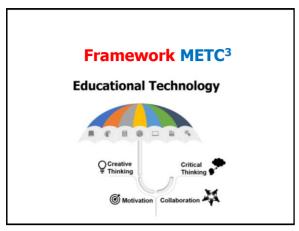
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- How do we define smart education, and what are its core components? Can you share your insights into our definition and framework?
- Smart Education: A learning environment that fosters interactive, collaborative, engaging, challenging, and personalized and adaptive learning that is accessible to diverse learner needs and experiences that can dynamically change over time.

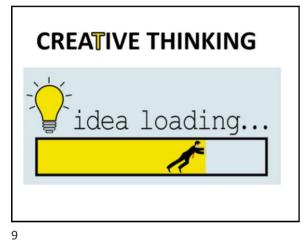


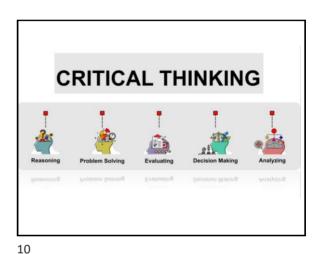
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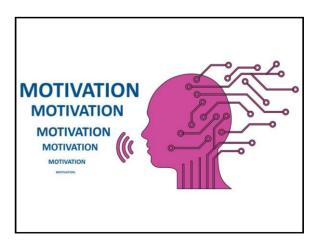


















The R2D2 Model: Read, Reflect, Display, Do... **Empowering** Online Learning IDD+ Activities

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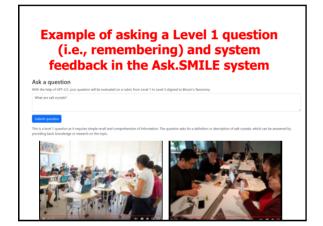


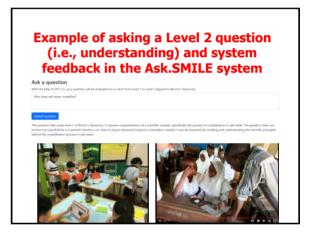


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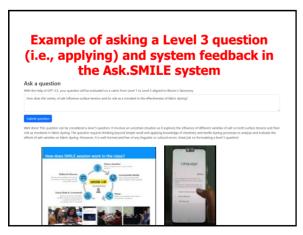








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March 8, 2024 Generative AI as a Coach to Help Students **Enhance Proficiency in Question Formulation:** It's Time to SMILE (Kim, Wang, & Bonk, in review) Table 2: Question Level Statistics Value Percent Number of Observations (N) 25,973 100% 27.2% Level 1 Remembering 7,073 Questions Level 2 Understanding 4,401 16.9% Ouestions Level 3 Applying Questions 2,574 9.9% Level 4 Analyzing Questions 3,832 14.9% Level 5 Evaluating/Creating 8,093 31.1% Questions Mean Level of Questions 3.056 Standard Deviation (SD) 1.627

23 24

March 8, 2024

Generative AI as a Coach to Help Students Enhance Proficiency in Question Formulation: It's Time to SMILE

(Kim, Wang, & Bonk, in review)

Table 3: Cross-tabulation of Average Level and First Level of User Questions Generated

| First Level | Average Question Level | | | | | |
|-------------|------------------------|-----|-----|-----|-----|-------|
| | 1 | 2 | 3 | 4 | 5 | Total |
| 1 | 486 | 208 | 176 | 45 | 0 | 915 |
| 2 | 13 | 247 | 110 | 78 | 1 | 449 |
| 3 | 0 | 29 | 152 | 58 | 0 | 239 |
| 4 | 0 | 23 | 39 | 242 | 14 | 318 |
| 5 | 0 | 15 | 76 | 117 | 430 | 638 |
| Total | 499 | 522 | 553 | 540 | 445 | 2559 |

May 11, 2020

What is smileUP & How to use it? SMILE, Stanford

https://www.youtube.com/watch?v=pblU8sSALWo

SMILE is connected to ChatGPT to give feedback and guidance. Have student experiment to see who can ask Level 4 and Level questions. Professor Trang Phan fosters critical thinking by having her education students at Fresno State ask the same question and phrase differently every time and reflect on the authenticity, accuracy, trustworthiness, and the ethical and moral nature of the responses. And also record the level of question according to SMILE.

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May 11, 2020

What is smileUP & How to use it? SMILE, Stanford

https://ask.smile.stanford.edu/

Specifically, SMILE will be used to assess student's critical thinking and GPT 3.5 to provide constructive feedback to the questions. Accordingly, students will be given access to SMILE (https://ask.smile.stanford.edu/) to ask questions of their own. SMILE will rank the student's question from level 1 (i.e., the most basic) to level 5 (i.e., the most critical) based on its breadth and depth and its analytical nature using the Bloom Taxonomy criteria. 50 or more questions and write a reflection report on the breadth and depth of the response of ChatGPT



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3. How do you envision the future evolution of smart education, especially considering its role in achieving global education goals with the recent developments in generative AI?



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January 17, 2024

AIs Enrolling as Students in Michigan University's Experiment

Lauren Coffey, Inside Higher Ed

Ferris State University (Artificial intelligences Ann and Fry will listen in to online courses before making their way to the classroom, ultimately eyeing Ph.D.s.)

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January 11, 2024

The world's first AI powered course taught completely by AI teachers

Kevin Hogan, eCampus News

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The world's first AI-powered course taught completely by AI teachers?

January 11, 2024

Otermans Institute has taken a bold step in transforming the educational landscape as its Al-powered teachers are now teaching an entire 9-lesson course

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