

*Education on the Horizon: Teaching
and Learning with Technology*

Week 8: Personalized and
Adaptive Learning Pt. 2

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Mini Quiz: Are they AI?

- Spreadsheet that calculates sums and other pre-defined functions on given data
- Predicting the stock market by fitting a curve to past data about stock prices
- A GPS navigation system for finding the fastest route
- A music recommendation system such as Spotify that suggests music based on the users' listening behavior
- Big data storage solutions that can store huge amounts of data (such as images or video) and stream them to many users at the same time
- Photo editing features such as brightness and

Answers

- Answers

AI Application in education

AI grading for writing assignments

- How does it work?
- MI write
- gradingly

What if students use AI for writing?

- AI is capable of gathering and reorganizing information in a logical and creative way, similar to what a writing assignment is designed for
- AI creates text that's logical and natural without "caring" about right or wrong

Example of AI “mistake”



Do you know if human has natural tendency to look more at objects closer to themselves?



It is generally thought that humans have a natural tendency to pay more attention to objects that are closer to them, as these objects are more likely to be relevant to their immediate needs or goals. This tendency is known as proximal attention, and it is thought to be an important aspect of visual attention, which is the process by which the brain selects and processes visual information from the environment.



Proximal attention is thought to be driven by several factors, including the need to attend to objects in the immediate environment in order to interact with them, the salience of nearby objects, and the potential for nearby objects to be threatening or dangerous.

However, it is important to note that proximal attention is not the only type of attention that humans exhibit. We also have the ability to selectively attend to objects that are further away or in the periphery of our visual field, and to shift our attention between different objects or locations as needed.



What is proximal attention, could you give me the source or reference?



Proximal attention is a type of attention that is directed towards objects or stimuli that are close to the viewer or observer. It is thought to be an important aspect of visual attention, which is the process by which the brain selects and processes visual information from the environment.



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do you have the link to "Proximal and Distal Attention in Spatial and Object-Based Attention"?



I apologize, but I am not able to provide links or access online content. However, you should be able to find the article "Proximal and Distal Attention in Spatial and Object-Based Attention" by Antoine Brouwer and Niko A. Busch by searching for it in a database or library. The article was published in the journal "Frontiers in Psychology" in 2013, and the full citation is:

Brouwer, A., & Busch, N. A. (2013). Proximal and Distal Attention in Spatial and Object-Based Attention. *Frontiers in Psychology*, 4, 670.

I hope this information is helpful! Let me know if you have any further questions.

HU

I need the doi for this article



The DOI (Digital Object Identifier) for the article "Proximal and Distal Attention in Spatial and Object-Based Attention" by Antoine Brouwer and Niko A. Busch is 10.3389/fpsyg.2013.00670. You can use this DOI to locate the article in a database or library.

I hope this information is helpful! Let me know if you have any further questions.

ORIGINAL RESEARCH article

Front. Psychol., 24 September 2013
Sec. Developmental Psychology
<https://doi.org/10.3389/fpsyg.2013.00670>

This article is part of the Research Topic
The development of the understanding of emotional expressions
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Spanish parents' emotion talk and their children's understanding of emotion

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Relations between parent-child emotion talk and children's emotion understanding were examined in 63 Spanish mothers and fathers and their 4- ($M = 53.35$ months, $SD = 3.86$) and 6-year-old ($M = 76.62$ months, $SD = 3.91$) children. Parent-child emotion talk was analyzed during two storytelling tasks: a play-related storytelling task and a reminiscence task (conversation about past experiences). Children's emotion understanding was assessed twice through a standardized test of emotion comprehension (TEC; Pons et al., 2004), once before one of the two parent-child storytelling sessions and again 6 months later. Mothers' use of emotion labels during the play-related storytelling task predicted children's emotion understanding after controlling for children's

Do you think we should use AI for
teaching and learning?

A potential application of AI: "zero trust homework"

- AI is used by default
- But the answer it produces can be wrong or misleading
- Student's learn to be a verifier and an editor
- a related reading: AI Homework

Another controversy: data privacy

- AI in classroom