



## Summary

In a riveting session, Joanna Paolinelli illuminated the transformative potential of artificial intelligence in the realm of education. With a focus on Chat GPT, she painted a compelling picture of how AI is becoming an essential ally, offering prompt feedback and immersive learning encounters.

Joanna's exploration ventured beyond the surface, delving into AI's multifaceted applications within education. From crafting educational materials that resonate with learners to aiding those with dyslexia and refining language accuracy, AI's versatility was on full display.

Joanna showed how AI has the potential to infuse language learning with new energy. Through tailor-made feedback, innovative project ideas, and seamless presentation support, AI can inspire both learners and educators.

## Outline

### 2. Joanna's Presentation on AI in Education

- Joanna discussed the role of technology in education and the transition to artificial intelligence.
- She highlighted the benefits of using AI tools in the classroom, such as personalized tutoring and increased motivation.
- Joanna introduced Chat GPT as a popular AI technology for instant feedback and engaging learning experiences.

### 3. Introduction to Chat GPT

- Chat GPT allows users to generate prompts and quickly receive responses, making it a valuable tool for teachers and students alike.

### 4. Algor - an inclusive tool for dyslexic students

- **Algor** is a tool that helps dyslexic students with reading, memory, and organizing their thoughts.
- It can divide texts into sections, create concept maps, and enhance learning experiences.
- Algor can be used with any text by taking a picture or using a QR code.

### 5. Text-to-speech technology and voice cloning

- Artificial intelligence-powered text-to-speech technology offers more natural and pleasant voices compared to mechanical voices.
- Some apps even allow users to clone their own voices for reading purposes.
- However, there are challenges in accurately cloning certain accents, like the Scottish accent.

### 6. Improving language correction with AI


- Teachers can use correction codes to help students reflect on and correct their mistakes.
- AI programs can also assist in language correction by highlighting errors and suggesting improvements.
- Chat GPT can serve as a self-reflective tool by providing alternative phrasing and enhancing language use.

### 7. Using Artificial Intelligence in Language Learning

- The speaker discusses their experience as a teacher and their shift towards student-centered approaches.
- Task-based learning and project-based learning have been effective in enhancing motivation.
- Artificial intelligence can support these activities by providing lesson plans, generating ideas, and facilitating cooperative learning.

### 8. Project-Based Activities

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The speaker demonstrates how to use artificial intelligence to create lesson plans, activities, and materials for project-based learning.

- She also introduces Talk Pal, a free site for students to practice conversations with a virtual friend.

## 9. Interactive Conversations and Feedback

- The speaker shows an example of an interactive conversation with a virtual friend about carbon footprints.
- Artificial intelligence provides feedback on pronunciation and language use.
- This can be used as a homework activity for students.

## 10. Assisting with Presentations

- Artificial intelligence tools like **Chat GPT** and **Dalle** can help create images and organize presentations.
- Students can use these tools to enhance their writing skills and create visually appealing presentations.
- The speaker demonstrates different presentation apps that provide ideas and structure for presentations.

## 11. Use of technology in teaching and learning

- The discussion focused on moving away from traditional homework assignments and instead using tools like Chat GPT and other programs for in-class activities.
- The emphasis was on need to differentiate between affective and effective learning. "Affective" describes something influenced by emotion, while "effective" describes something that produces a desired outcome. Artificial intelligence can assist us greatly in the effective aspect, allowing educators to focus on the affective aspect.

## 12. Artificial intelligence in presentations

- The presenter introduced a program called **Synthesia** that allows importing PowerPoint presentations and creating avatars.
- They also discussed an application that uses artificial intelligence to make it appear as if the speaker is looking at the camera even when reading from a script.

## 13. Tool for recording meeting notes

- The presenter introduced a tool called **Sembly**, which automatically records and summarizes meeting notes.
- The tool was praised for its usefulness in saving time and allowing participants to focus on the meeting.
- The presenter mentioned using the tool in both student project work and in staff meetings.

## 14. Task-based activities and motivation

- The presenter discussed her favorite activity of writing song lyrics with students.
- She emphasized the importance of not just translating songs but understanding the general idea and expressing it in English.
- The use of Chat GPT to find rhyming words was demonstrated.
- The presenter highlighted the importance of incorporating music into the classroom.

## 15. Creating music from text and paintings

- The presenter showcased the ability to create music from text and paintings using advanced technology.
- She expressed her fascination with this capability and its potential for further engaging students.

## 16. Using technology for exam preparation


- The presenter briefly mentioned the potential use of technology, such as the discussed tools, for exam preparation.
- Further details or discussion on this topic were not provided.

## 17. Language learning tools

- The project involves using students' language skills for presentations and speaking tasks in exams.
- Groups are formed to evaluate task fulfilment, coherence, and grammar.
- **Poised** is a useful tool for recording and providing feedback on students' speaking performance.

## 18. Role-playing activities

- Language set includes role-playing scenarios in exams.

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- **Talkpal AI** and other similar tools can be used for creating chat-based role plays.
  - Creating podcasts by students for listening and writing activities is an effective technique.

## 19. Technology for language learning

- **Adobe podcast** allows students to create audio content and make corrections using text-to-speech.
- **Descript** is a tool for editing audio content and making specific changes.
- Using artificial voices in audio content helps students practice writing, reading, and listening skills.

## 20. Takeaways and priorities

- Technology tools cannot replace the human and emotional connection between teachers and students.
- Learning should be prioritized over performance.
- Privacy and data protection regulations must be adhered to when using AI tools.