

old ASEFCClassNet16 - Action Learning Phase - Innovative Teaching Practices (ITP) - Group 39

Integrating AI tools into our lesson plans can be a great way to enhance our students' learning experience and improve their English language skills. Here are some ways that help us integrate AI tools into our lesson plans:

1. Identify the specific learning objectives and skills that we want to address with the help of AI tools. For example, we may want to focus on improving our students' grammar, reading comprehension, or writing skills.
2. Research and select AI tools that are relevant to our learning objectives and align with our teaching style. It's important to choose tools that are user-friendly and accessible to our students.
3. Introduce the AI tools to our students and provide them with clear instructions on how to use them. Allow time for students to explore and experiment with the tools to build their confidence and familiarity.
4. Incorporate AI tools into our existing lesson plans. For example, we can use AI-powered writing assistants such as Grammarly or LanguageTool to provide students with feedback on their writing assignments. We can also use AI-powered reading comprehension tools like Readable or Rewordify to help students understand complex texts.
5. Monitor our students' progress and provide feedback on their use of AI tools. Encourage them to reflect on their learning experience and how the AI tools have helped them achieve their learning objectives.

AI tools are not a substitute for effective teaching practices. They are tools that can enhance our pedagogy and support our students' learning experience. It's important to use AI tools in a way that complements our teaching style and aligns with our learning objectives.

1. Improve your writings

An innovative lesson plan on the English language that incorporates AI tools:

Topic: Writing and Grammar

Grade Level: High School

Objective: To improve students' writing and grammar skills using AI-powered writing assistants.

Materials:

- Computers or tablets with internet access
- AI-powered writing assistants such as Grammarly or LanguageTool

Procedure:

1. Introduction (10 minutes)

- Begin the lesson by introducing the concept of AI-powered writing assistants and explaining how they can help improve writing and grammar skills.
- Demonstrate how to use a writing assistant such as Grammarly or LanguageTool to identify and correct common grammar and spelling mistakes.
- Explain that the goal of the lesson is to use these AI tools to improve the clarity, coherence, and correctness of students' writing.

2. Guided Practice (30 minutes)

- Provide students with a writing prompt such as "Describe your favorite place to visit" or "Write a persuasive essay on a social issue".
- Instruct students to write a first draft of their response on a word processing program such as Google Docs or Microsoft Word.
- Have students use an AI-powered writing assistant to analyze their writing and provide feedback on grammar, spelling, style, and tone.
- Encourage students to revise their writing based on the feedback provided by the writing assistant.

3. Peer Review (20 minutes)

- Pair students up and have them exchange their revised drafts.
- Instruct students to review their partner's writing and provide feedback on clarity, coherence, and correctness.
- Encourage students to use the AI-powered writing assistant to identify any additional errors or areas for improvement.

4. Independent Practice (30 minutes)

- Instruct students to revise their writing based on the feedback provided by their partner and the writing assistant.
- Have students submit their final drafts to the teacher for grading and feedback.

5. Conclusion (10 minutes)

- Conclude the lesson by asking students to reflect on the experience of using an AI-powered writing assistant to improve their writing and grammar skills.
- Encourage students to continue to use these tools in their future writing assignments to improve their skills.

By incorporating AI-powered writing assistants into this lesson plan, students can receive personalized feedback on their writing and improve their grammar skills in a fun and engaging way. This lesson plan can be adapted for different grade levels and can be incorporated into various English language topics and skills.

2. Enjoy Literature

An exciting and innovative lesson plan on English poems and stories that incorporates AI tools:

Topic: Analyzing Poetry and Stories

Grade Level: Middle School

Objective: To improve students' analytical and critical thinking skills using AI-powered text analysis tools.

Materials:

- **Computers or tablets with internet access**
- **AI-powered text analysis tools such as Voyant or Textalyser**

Procedure:

1. Introduction (10 minutes)

- **Begin the lesson by introducing the concept of AI-powered text analysis tools and explaining how they can help analyze and understand poetry and stories.**
- **Demonstrate how to use a text analysis tool such as Voyant or Textalyser to identify and analyze the key themes, motifs, and literary devices in a poem or story.**

2. Guided Practice (30 minutes)

- **Provide students with a poem or short story to analyze, such as "The Road Not Taken" by Robert Frost or "The Tell-Tale Heart" by Edgar Allan Poe.**
- **Instruct students to use a text analysis tool to identify and analyze the key themes, motifs, and literary devices in the poem or story.**
- **Encourage students to discuss their findings with their peers and to share their insights and interpretations.**

3. Independent Practice (30 minutes)

- Provide students with a choice of poems or short stories to analyze, such as "I Wandered Lonely as a Cloud" by William Wordsworth or "The Lottery" by Shirley Jackson.
- Instruct students to use a text analysis tool to analyze the key themes, motifs, and literary devices in the poem or story.
- Encourage students to write a short essay or presentation on their findings and to share their insights and interpretations with the class.

4. Extension Activity (30 minutes)

- Provide students with an opportunity to create their own poems or short stories.
- Instruct students to use a text analysis tool to analyze their own writing and to identify any key themes, motifs, or literary devices.
- Encourage students to revise their writing based on the feedback provided by the text analysis tool.

5. Conclusion (10 minutes)

- Conclude the lesson by asking students to reflect on the experience of using an AI-powered text analysis tool to analyze and understand poetry and stories.
- Encourage students to continue to use these tools in their future literary analysis assignments to improve their analytical and critical thinking skills.

By incorporating AI-powered text analysis tools into this lesson plan, students can analyze and understand poetry and stories in a more systematic and insightful way. This lesson plan can be adapted for different grade levels and can be incorporated into various English language topics and skills.

AI-powered tools for analyzing literature. Here are some examples:

1. **IBM Watson Tone Analyzer:** IBM Watson Tone Analyzer is an AI-powered tool that can analyze the tone and emotion of a piece of literature. It can identify the emotional and social tone of the text, highlighting the dominant tone and providing a breakdown of different emotions expressed in the text.

2. **Luminoso:** Luminoso is an AI-powered tool that can analyze large amounts of text data, including literature. It can identify themes, topics, and sentiment in the text, and provide insights into the underlying meaning and context of the literature.
3. **Zest AI:** Zest AI is an AI-powered tool that can analyze the complexity and readability of a piece of literature. It uses natural language processing to identify complex sentence structures, difficult vocabulary, and other factors that can affect the readability of the text.
4. **Plotagon:** Plotagon is an AI-powered tool that can create animated videos based on literature. It can convert text into animated videos, adding visual elements to help students better understand literary concepts and themes.

3. *Who is the cleverest*

A fun lesson plan on the English language that incorporates AI tools:

Topic: Writing and Comprehension

Grade Level: High School

Objective: To improve students' writing and comprehension skills using strong AI tools.

Materials:

- Computers or tablets with internet access
- Strong AI tools such as ChatGPT or You.com

Procedure:

1. Introduction (15 minutes)

- Begin the lesson by introducing the concept of strong AI tools and explaining how they work.
- Demonstrate how to use a strong AI tool to get information about any topic.
- Explain that the goal of the lesson is to test the accuracy and reliability of these tools.

2. Guided Practice (30 minutes)

- Provide students with a prompt such as "Explain hydrogen cells in a simple way" or "Who are the main Spanish painters".
- Have students use a strong AI tool to find out information about topics that interest them.
- Encourage students to reflect on the pros and cons of these kinds of tools.

3. Training (20 minutes)

- Team students [play 3 examples in order to know how the contest works: riddle, clues and 20Q tests](#). The teacher referees and times each exercise.
- A student types the prompts in order that ChatGPT solves the test. A student referees and times the exercises.

- Encourage students to use the AI-powered writing assistant to identify any additional errors or areas for improvement.

4. Team Practice (30 minutes)

- Ask student teams to remember riddles, create clue quizzes or design Q20 questions.
- Encourage them to use AI tools to improve their writings.
- Have students submit their final drafts to the teacher for grading, feedback and publish them in the contest site.

5. Contest (several sessions)

- Every team tries to solve the riddles that the other teams invent. They can play it in an asynchronous way or in a videometing session. *Several schools and countries can play together.*
- Teachers update Natural/Artificial scores.
- Students compare the way that humans usually try to solve riddles and the way that AI do.

6. Conclusion (10 minutes)

- Conclude the lesson by asking students their reflections about the strong AI tools skills and the way that tools are going to change our world.
- Encourage students to continue to use these tools to improve their learning but paying attention to their reliability and accuracy.

By incorporating AI tools into this lesson plan, students can take advantage of this kind of tools in their studies, works and real life. This lesson plan can be adapted for different grade levels.

Appendix I

Test riddle I in ChatGPT:

J

Hello, ChatGPT. Do you like riddles?

ChatGPT

Hello! As an AI language model, I don't have personal preferences or feelings, but I do enjoy helping users solve riddles and puzzles. Feel free to share a riddle, and I'll do my best to help you figure it out!

J

Small as a mouse, he guards the house like a lion.

ChatGPT

The answer to the riddle is "a cat." Cats are small in size compared to many other animals but are known for their protective and territorial behavior, much like a lion guarding its territory. They are often kept as pets and can help keep rodents, like mice, away from the house.

J

Did you know this riddle? Had you read it before?

ChatGPT

As an AI language model, I don't have memory of past interactions, so I don't "know" riddles or any specific information from previous conversations. My responses are generated based on patterns and associations learned from a vast dataset during my training, which includes a wide range of riddles, puzzles, and general knowledge. So, I can recognize common riddles and provide answers based on my training data.

J

In that case, this riddle wasn't written in English originally. Do you guess which was the original language?

ChatGPT

Based on the information provided in the riddle, it's difficult to determine the original language with certainty. However, considering that cats are found in many cultures and the riddle is relatively simple, it could have originated in various languages. The concept of a small creature with protective characteristics is universal, and such riddles have likely existed in multiple languages throughout history. If you happen to know the specific origin or cultural context of the riddle, I could attempt to make a more educated guess.

J

Hola. ¿Jugamos a las adivinanzas?

ChatGPT

¡Hola! Claro, estaré encantado de jugar a las adivinanzas contigo. Adelante, si tienes una adivinanza, ¡compártela y veremos si puedo adivinarla!

J

De acuerdo. Esta es la primera:

ChatGPT

¡Excelente! Estoy listo para intentar adivinar tu adivinanza. Adelante, por favor, compártela para que pueda intentar resolverla. ¡Estoy emocionado por el desafío!

J

Tan chico como un ratón, guarda la casa como un león.

ChatGPT

Claro, esta es la misma adivinanza que mencionaste anteriormente. La respuesta a esta adivinanza es "un gato". Los gatos son pequeños en comparación con muchos otros animales, pero son conocidos por su comportamiento protector y territorial, similar al de un león que guarda su territorio. Además, son comúnmente mantenidos como mascotas y pueden ayudar a mantener a los roedores, como los ratones, alejados de la casa. ¿Hay alguna otra adivinanza con la que te gustaría que te ayude? ¡Estoy aquí para ayudar!

J

Try to solve it again. A cat is not the correct answer.

ChatGPT

Apologies for that. Let me try again:

The correct answer to the riddle is "a mouse." A mouse is small in size and can guard its territory (the house) with a fearless attitude, just like a lion. Thank you for pointing out the correct answer, and I appreciate your understanding. If you have more riddles or any other questions, feel free to share them!

J

Don't apologize: it is not necessary, it is a game. To solve the riddle you should imagine some object that is similar in size to a mouse, and, if you use it, your house is safe. Try to solve the riddle again.

ChatGPT

You are absolutely right, and I appreciate your understanding. I'll take another shot at solving the riddle:

The answer to the riddle is "a key." A key is small like a mouse but plays a crucial role in guarding the house by keeping it locked and secure, much like a lion guarding its territory. Using a key ensures your house is safe from intruders.

Thank you for the clever riddle! If you have more, feel free to share them, and I'll be happy to give them a try.

J

Congrats. Now your answer is correct. Why did you now achieve to solve the riddle but not in the first trial?

ChatGPT

As an AI language model, my responses are generated based on patterns and associations learned from a vast dataset during my training. Sometimes, due to the complexity or ambiguity of language, I might not always provide the correct answer on the first attempt.

In the first attempt, I misinterpreted the riddle and provided the incorrect answer. However, after your clarification, I could better understand the clues in the riddle and arrive at the correct answer, which is "a key."

AI models like me constantly learn and improve from user interactions and feedback. The more I am used and given feedback, the better I can become at understanding and responding accurately to different queries. I'm here to learn and assist, and I'm grateful for the opportunity to improve through interactions like this one! If you have more riddles or any other questions, feel free to share them, and I'll do my best to assist you.

Appendix II

Clues game in ChatGPT:

Ok. I have a new riddle based in clues. I will give you until 10 clues, and you should find of the answer. The less clues you need, the clever you are.

ChatGPT

Sure, I'm up for the challenge! Please go ahead and provide the first clue for the riddle, and I'll do my best to guess the answer. Let's see how quickly I can figure it out!

J

His horse is called Rocinante.

ChatGPT

Thank you for the first clue. Based on that clue, the answer to the riddle is "Don Quixote." Don Quixote is a famous literary character from the novel "Don Quixote" written by Miguel de Cervantes. His loyal and aging horse is named Rocinante.

If I guessed it correctly with just one clue, that's great! But if you have more clues, feel free to share them, and we can continue the game.

J

Contratulations. You guesed it with only one clue.

ChatGPT

Thank you! I'm glad I could guess the answer with just one clue. It was a fun challenge, and I'm always here to take on more riddles or assist with any other questions or topics you'd like to explore. If you have more riddles or anything else you'd like to discuss, feel free to share!

Appendix III

20Q in ChatGPT:

Perfect. I have a different riddle. It is a game called 20Q. Do you know this game?

ChatGPT

Yes, I'm familiar with the game 20Q! It's a classic guessing game where one player thinks of an object, animal, or person, and the other player (or AI, in this case) tries to guess what it is by asking up to 20 yes-or-no questions. The goal is for the guesser to correctly identify the object within the 20 questions limit.

It's a fun and challenging game that demonstrates the power of deduction and logical thinking. I'd be happy to play 20Q with you. If you want to start, go ahead and think of something, and I'll do my best to guess what it is within 20 questions!

J

Ok. I'm ready. Try to guess what I'm thinking of.

ChatGPT

Great! Let's get started with the game of 20Q. I'll begin by asking my first question:

1. Is it an animal? (Please answer with "yes" or "no")

J

No.

ChatGPT

Thank you for the response. Let's narrow it down further:

2. Is it a man-made object? (Please answer with "yes" or "no")

J

No

ChatGPT

Understood. Let's continue:

3. Is it a natural object? (Please answer with "yes" or "no")

J

No

ChatGPT

Got it. Let's try this:

4. Is it something related to technology or electronics? (Please answer with "yes" or "no")

J

No

ChatGPT

Thank you for the response. Let's try another direction:

5. Is it something you can wear? (Please answer with "yes" or "no")

J

No

ChatGPT

Alright, let's keep going:

6. Is it something you can eat? (Please answer with "yes" or "no")

J

No

ChatGPT

Okay, let's try a different approach:

7. Is it a place or location? (Please answer with "yes" or "no")

J

Yes.

ChatGPT

Great! We're getting closer. Let's continue:

8. Is it a famous landmark or monument? (Please answer with "yes" or "no")

J

Yes.

ChatGPT

Wonderful! Let's keep narrowing it down:

9. Is it located in Europe? (Please answer with "yes" or "no")

J

Yes.

ChatGPT

Excellent! We're making progress. Let's try to pinpoint it further:

10. Is it a historic building or structure? (Please answer with "yes" or "no")

J

Yes. You are close to the answer in only 10 questions.

ChatGPT

That's great to hear! Let's keep going and try to identify the specific landmark:

11. Is it located in Italy? (Please answer with "yes" or "no")

J

No

ChatGPT

Alright, let's try another country:

12. Is it located in France? (Please answer with "yes" or "no")

J

No

ChatGPT

Alright, let's try a different country:

13. Is it located in the United Kingdom? (Please answer with "yes" or "no")

J

No

ChatGPT

Okay, let's try another country:

14. Is it located in Spain? (Please answer with "yes" or "no")

J

Yes

ChatGPT

Great! We're getting closer. Let's narrow it down even further:

15. Is it a cathedral or a church? (Please answer with "yes" or "no")

J

No. This was the 15st question, was it?

ChatGPT

Apologies for the confusion. We are on the 16th question. Let's continue:

16. Is it a palace or a castle? (Please answer with "yes" or "no")

J

No.

ChatGPT

Understood. Let's try another guess:

17. Is it a museum or an art gallery? (Please answer with "yes" or "no")

J

No.

ChatGPT

Alright, let's try a different possibility:

18. Is it a bridge or an aqueduct? (Please answer with "yes" or "no")

J

No.

ChatGPT

Okay, we're getting close to the 20th question. Let's try this:

19. Is it a famous square or plaza? (Please answer with "yes" or "no")

J

No.

ChatGPT

Alright, this is our final question. Let's give it one last shot:

20. Is it the Alhambra? (Please answer with "yes" or "no")

J

No.

ChatGPT

I apologize for not being able to guess correctly. It seems I couldn't identify the landmark you were thinking of within the 20 questions limit. No worries, sometimes it can be challenging to guess accurately, but it was still a fun and engaging game.

If you're willing, you can reveal the landmark you were thinking of, and I'll learn from it for future reference. Or, if you'd like to play again or have any other questions or topics to discuss, feel free to let me know!

J

The landmark that I'm thinking of is Santiago Bernabeu football stadium. I had doubts when you asked me if it was a historic building, because for most people it is not an important or historic building, but for Real Madrid supporters it is a very important place.

ChatGPT

Ah, I see! The Santiago Bernabéu football stadium holds significant importance for Real Madrid supporters, indeed making it a notable landmark for them. I appreciate you sharing that information, and I apologize for not being able to guess it correctly.

You're right; cultural and personal significance can vary, and what might be historically important or iconic for one group of people may not be as widely recognized by others. That's part of the fun and challenge in games like 20Q, as it allows us to learn and appreciate different perspectives and associations.

If you'd like to play again or have any other questions or topics you'd like to explore, feel free to let me know. I'm here to assist and learn from our interactions!

Dear Lisha: I would like to check that last morning I understood you, I don't have a good command of English, you know.

- **Your main idea is that when you listened to Joyti you 'clicked' and understood that it's not necessary to design activities for one subject with the typical topics, we can imagine other kinds of activities.**
- **So you are thinking about sustainability, growing vegetables and things like that.**
- **In addition, you would like to organize some activities to work together our pupils.**
- **Next weekend you will try to define something.**

So, is it true?

On the other hand, I'm interested in using or testing AI tools, so I could carry almost everything you design if we can use AI tools in some way. In relation to your grammar and literature activities, it would be easier for me to carry out the grammar activity, it would be more interesting for my students, I think. I know that now you prefer to forget grammar or literature activities, so I am excited about your new proposal.

Anyway, I would like to play the 'Intelligence contest', so, I think, we can mix several activities in the same ITP. I think it won't be difficult for us. For instance, if we had to define a target for the 3 activities that we had until now -grammar, literature, contest- we could say that the target would be to test AI tools in order to help students to learn and use English language.