ARTIFICIAL INTELLIGENCE (AI)
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SESSION OBJECTIVES

- Understand the basics of AI and its potential applications in the English language teaching profession
- Explore the potential implications of AI for English language teachers
- Develop an understanding of strategies for incorporating AI into English language teaching practice in a way that enhances rather than replaces the role of teachers
01. INTRODUCTION
WHAT IS AI?
02. UNDERSTANDING ARTIFICIAL INTELLIGENCE
AI, or Artificial Intelligence, refers to the development of computer systems or software that can perform tasks that typically require human intelligence. These tasks may include understanding language, recognizing patterns, problem-solving, and learning from experience.
HISTORY OF AI

TALOS

AI's earliest "ancestor" - a mythical automaton protecting Crete
Sorry, Talos, you were a bit too early for the AI party!
TALOS

1950s: Turing Test & AI's "Baby Steps"

Alan Turing proposes a test to determine if a machine can exhibit human-like intelligence. "Can machines think?" - Humans: 1, AI: 0 (but AI's just getting started!)

Talos, you were a bit too early for the AI party!
HISTORY OF AI

**Turing test**

During the Turing test, the human questioner asks a series of questions to both respondents. After the specified time, the questioner tries to decide which terminal is operated by the human respondent and which terminal is operated by the computer.

- **Question to respondents**
- **Answers to questioner**

**Diagram:**

- Computer respondent
- Human questioner
- Human respondent
1950s: TURING TEST & AI'S "BABY STEPS"
Alan Turing proposes a test to determine if a machine can exhibit human-like intelligence. "Can machines think?" - Humans: 1, AI: 0 (but AI's just getting started!)

1960s: ELIZA, THE "CHATTY" THERAPIST
The world's first chatbot, designed to mimic a Rogerian psychotherapist

TALOS
AI's earliest "ancestor" - a mythical automaton protecting Crete
Sorry, Talos, you were a bit too early for the AI party!
HISTORY OF AI

ELIZA > (PLEASE TYPE IN ALL CAPS) WHAT'S YOUR NAME DEAR?
AMIT
ELIZA > HI, I'M ELIZA. WHAT DO YOU WANT TO TALK ABOUT?
AMIT > CAN I TALK ABOUT MY PROBLEM?
ELIZA > SURE...!
AMIT > DUE TO ON GOING EXAMS IN COLLEGE, I HAVE A LOT OF STRESS.
ELIZA > PLEASE RELAX A LITTLE. SLEEP WELL.
AMIT > THANKS FOR YOUR ADVICE.
ELIZA > NO MENTION.
AMIT > BYE
ELIZA > BYE AND KEEP IN TOUCH...
HISTORY OF AI

1990s: Deep Blue, the Chess Master
IBM’s Deep Blue defeats world chess champion Garry Kasparov
Checkmate! AI gets a confidence boost

2010s: Virtual Assistants & Machine Learning Revolution
Siri, Alexa, and Google Assistant become our helpful (and sometimes sassy) companions
AI’s now everywhere, but it still can’t make us the perfect cup of tea!

Present Day: AI in Language Learning
From grammar-checking software to AI tutors, teaching English just got a tech upgrade
AI may be smart, but it still needs awesome teachers like you!
AI TOOLS FOR ENGLISH LANGUAGE LEARNING

Examples of AI Language Learning

- AI Chatbots
- AI Language Learning Software
- AI Writing Assistants
- Personalized Language Materials and Resources
03. AI AND THE FUTURE OF ENGLISH LANGUAGE TEACHING
AI TOOLS AND RESOURCES

- **Duolingo**: A language learning platform offering lessons in various languages, including English.
- **Rosetta Stone**: A comprehensive language learning software that uses an immersive teaching approach.
- **Grammarly**: An AI-powered writing assistant that checks grammar, spelling, style, and punctuation.
- **Replika**: A chatbot designed for conversation practice and emotional support.
AI TOOLS AND RESOURCES

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ARTIFICIAL INTELLIGENCE (AI)

Let's give it a shot!
TRY IT OUT

Head over to https://replika.com/ or download the app on your phone and create your REPLIKA.

MEET AND GREET

Meet and greet your REPLIKA and get back to us with some feedback on your experience and if you would recommend this for your students. If so how?
04. STRATEGIES FOR INCORPORATING AI INTO ELT
CHOOSE AI TOOLS THAT ADDRESS THE SPECIFIC NEEDS AND GOALS OF YOUR STUDENTS

- **Grammar**: grammarly
- **Vocabulary**: duolingo
- **Conversation**: Replika
STRATEGIES FOR INCORPORATING AI INTO ELT

START SMALL

Introduce one AI tool at a time, allowing students to become comfortable with the technology before introducing more tools.

PROVIDE TRAINING AND SUPPORT

Ensure that both teachers and students understand how to use the AI tools effectively and troubleshoot any issues that may arise.
STRATEGIES FOR INCORPORATING AI INTO ELT

FOSTER HUMAN CONNECTION

Use AI tools to support and enhance, but not replace, the valuable human interaction that takes place in the classroom. Encourage collaboration, discussion, and peer feedback in addition to AI-driven learning.
Continuously evaluate the effectiveness of the AI tools.

Be flexible.
05. Enhancing the Teacher's Role with AI
This is where it gets scary.
06. REFLECTION

How can you apply what you've learned to your own teaching practice?
THANKS

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