Pedagogic
Administration
Ministry Of Education

The Institute
for Applied Research
of AI and Education

WEBINAR - AI PILOT

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Sigalit Arditi, Dr. Liat Eyal - Head of the pilot, The Institute for Applied Research of AI and Education

Image prepared by AI

Today's meeting ...

Platform demo | Second Nature

About the experiment | Presentation

What did the teachers gain from the pilot? |

What did the students gain from the pilot?

Platform Demo

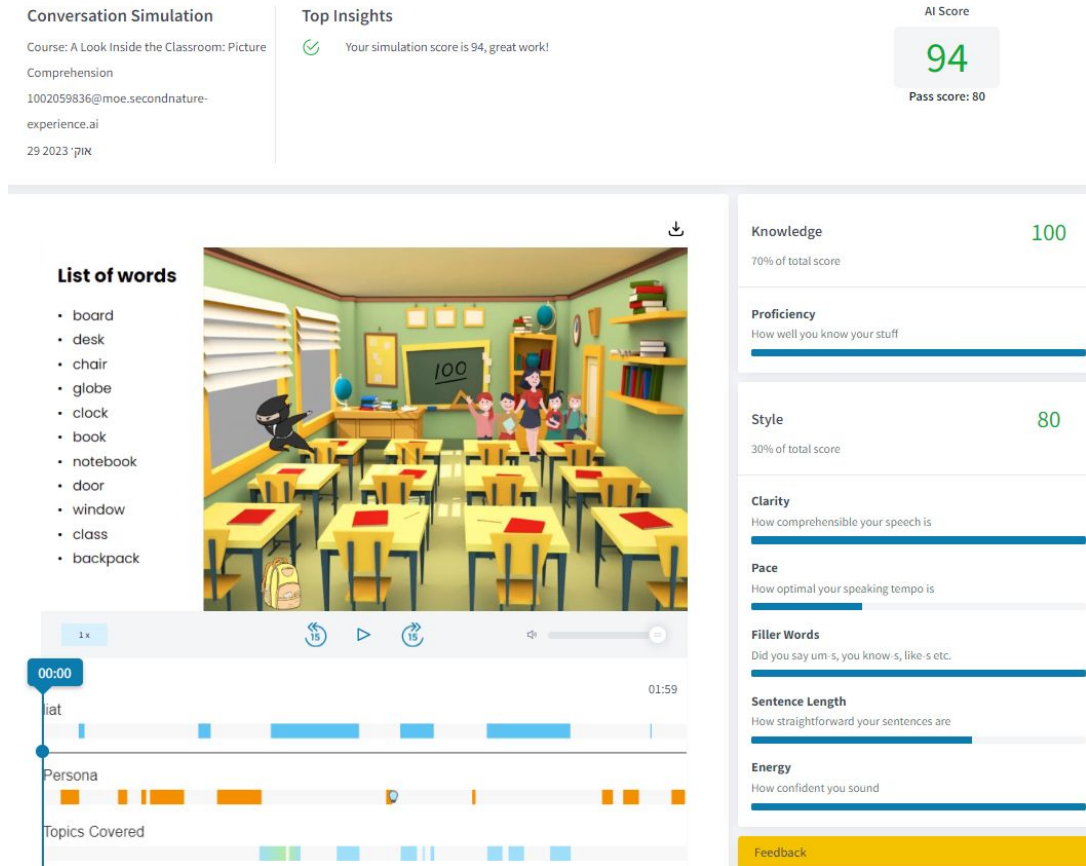The Institute
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Why AI
in spoken English?

Developing Trends:

- Improves confidence
- Interactive experience
- Automated feedback
- Personalised learning
- Learning analytics
- Dashboard

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What?
Experiment Objectives

- **Try out at least 3 platforms** that encourage spoken English with AI and chose one: **Second Nature** that best suited the COBE requirements
- **Discuss best practices** for integrating SN into teaching for the COBE
- **Improve teachers AI literacy for teaching**
- **Build a learning community**

How? The DBR Process*

4. Implementation & Documentation
Meetings 2,3,4 and in between
Classroom implementation;
Documenting Impressions and feedback.

3. [Re-]Testing
Meetings 2,3,4 and in between
"Make it Yours" -
Hands-on experience; Insight gathering.

2. Identifying Needs
Meeting 1
Prep for Meetings 2,3
Intro, trials & questionnaire.

5. Feedback & Evaluation
Meetings 3,4,5,6 and in between
Review & analyze feedback;
Make tacit knowledge explicit.

1. Planning
Pilot Prep
Map the need;
Define pilot question & framework;
"Open call" & budget approval.

6. Recommendations
Meetings 3,4,5,6 and in between
Rec's for platform improvement;
Define best practices:
Use cases and tool formulation.

How can we improve our students spoken English with AI tools?

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* Design-Based Research

Image was prepared by Liat Eyal

What did the teachers gain?

- pioneers using new AI platforms.
- improved their AI literacy.
- were partners in characterizing the AI platforms. (improved, suggested changes, gave feedback).
- increased motivation to learn new methods of teaching.

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What did the teachers say?

- I noticed that some students are more **motivated** to talk and speak out.
- Students were more **enthusiastic** to practice and talk with the virtual person.
- Students were more **committed** to finishing the task and to do it effectively.
- Students felt so **pleased** to do the task. Then they asked me to do one more unit. I felt so **surprised** to see such students who hesitate to participate and speak out in my classes to be so **engaged** in this platform.
- The instant feedback **helped** my students become **serious** and make an effort.
- Eventually, their speech **was up** and I was surprised by some of them despite their modest grades.

What did the students gain?

- tried the latest technologies
- received personalized instruction
- practised speaking more
- improved confidence
- learned autonomously (SRL-self regulated learning)
- had an increased motivation

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What did the students say?

- "It's easy to use and it **improves** your language by using AI"
- "I **liked** the smooth conversation and its realism to the extent that I felt like I was in a real restaurant."
- "I liked how the AI was **interactive** with my answers"
- "I **loved** speaking English with the computer. I felt more **confident**"
- "It changes the style of the class and it's more **enjoyable** than the regular class"

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Thank you!
QUESTIONS

Sigalit Arditi
sigardit@gmail.com

Liat Eyal
eyaliat@gmail.com

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