



Breng Europa naar je klas!

#EUKlas24



WS 6 - Well-being in Erasmus+ projecten

Bart Verswijvel

Frederik Wylin

daiverse.eu



Medegefinancierd door
de Europese Unie



Vlaanderen
verbeelding werkt

BRENG EUROPA NAAR JE KLAS

Well-being in Erasmus+ projecten

daiverse.eu

Gent, BE

6 November 2024

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#EUKlas24

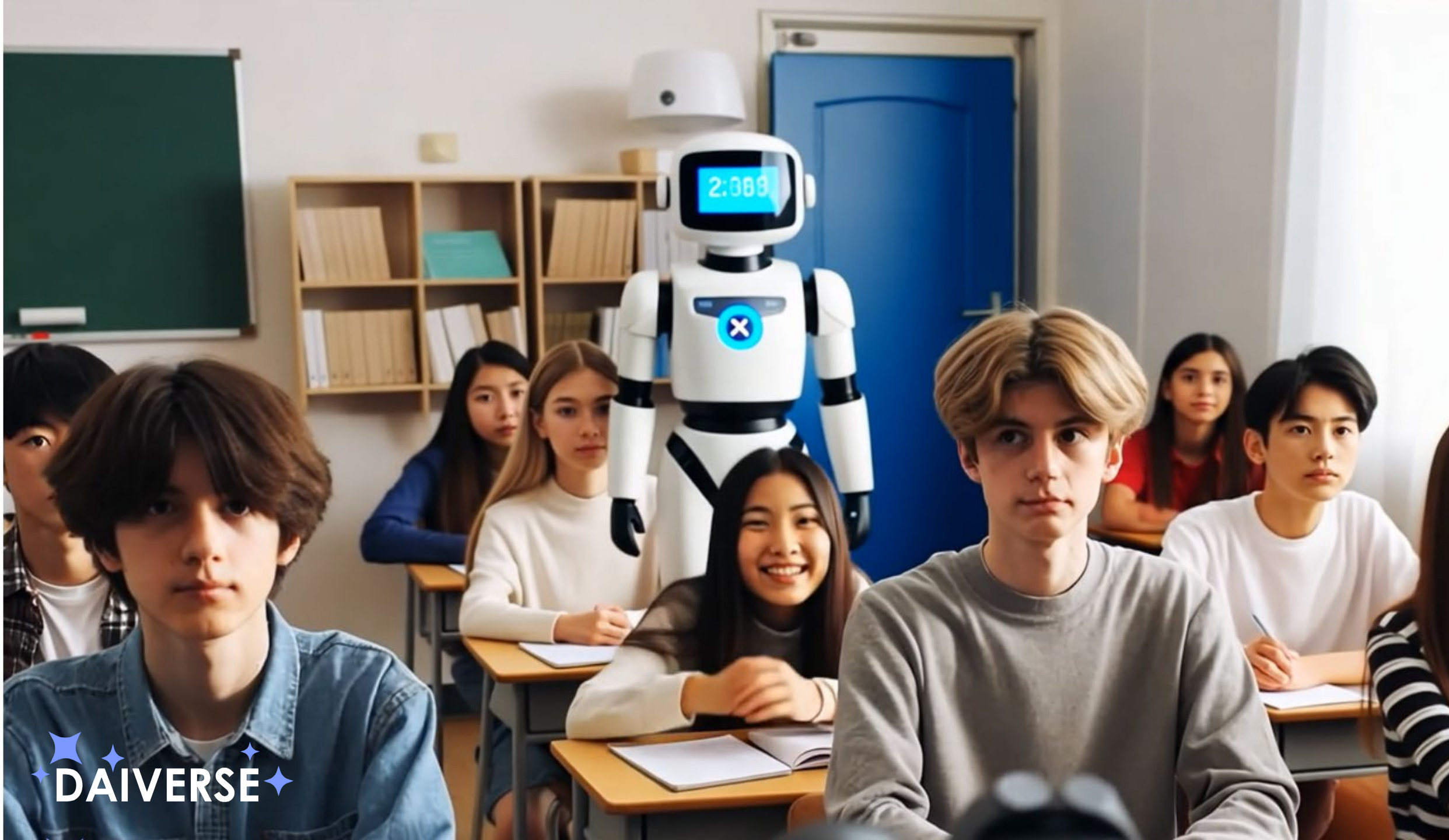


Co-funded by
the European Union



AI arrived through
the SCHOOL
BACKDOOR





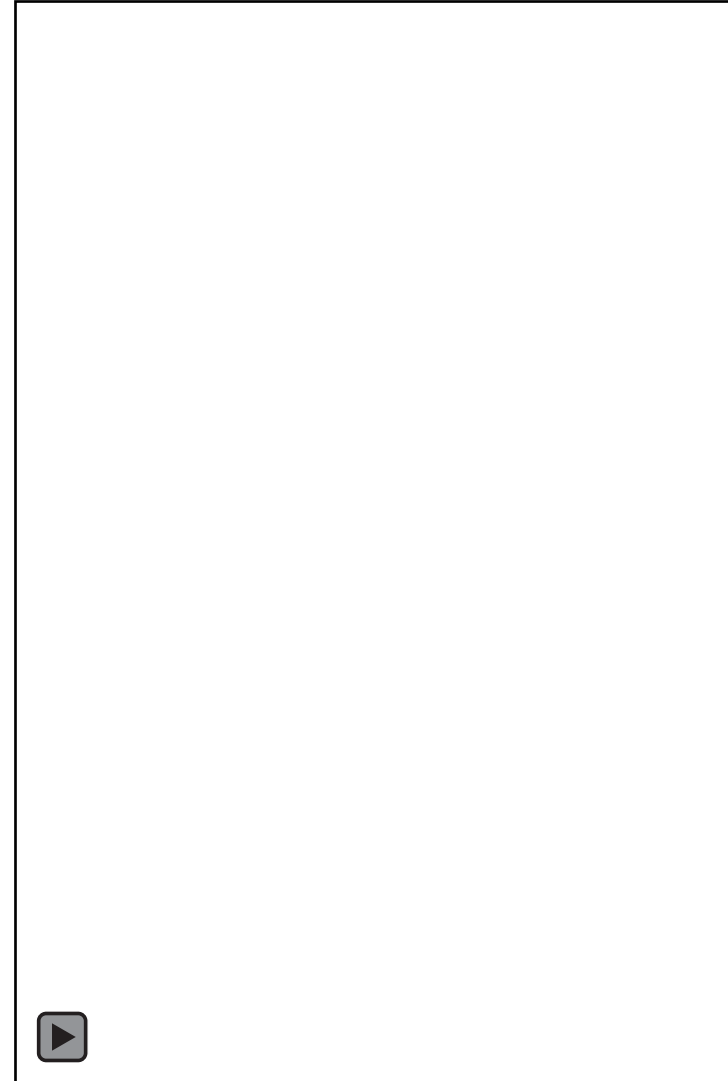
We win and we lose



AI Revolution

“Get the best out of it...”

for INCLUSION



Daiverse project

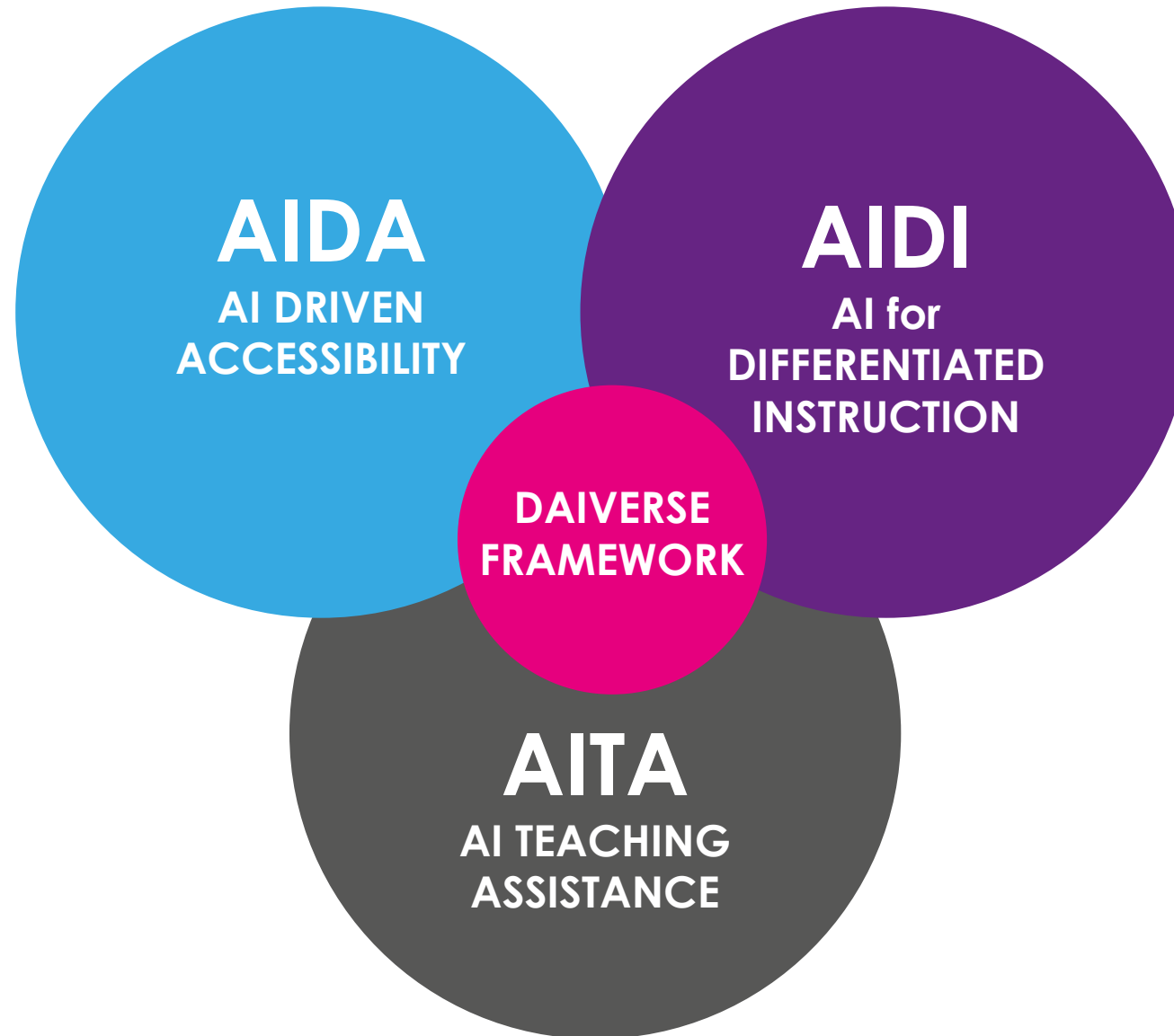
- Small scale KA2 project (10 months)
- 4 partners
- daiverse.eu
- Topic: **AI for Inclusion**



DIVERSITY is a **FACT**
INCLUSION is an **ACT**



Daiverse Inclusion Framework



Daiverse Inclusion Framework



make **digital resources** and **learning environments** more **accessible** to students with **diverse needs** and **abilities**

AI

- support **students** with **impairments** (hearing, **seeing etc.**)
- support students with **dyslexia, dyscalculia, etc.**
- **etc.**

EXAMPLES

Text to speech

Immersive reader

Math coach, search coach

ETC.



Daiverse Inclusion Framework



Individual students' learning styles, preferences, and abilities

AI

- **personalized** learning **pathways**
- **recommend resources**
- provide targeted **interventions** to **address specific learning needs**

EXAMPLES

Generate texts and quizzes on different levels

Multimodal approach

Summarize texts and videos

ETC.



Daiverse Inclusion Framework



Provide support to teachers for content creation and classroom management

AI

- support to teachers in **managing classrooms** and **delivering content effectively**
- **organizing** ways of **implementing inclusion**

EXAMPLES

Translators

Create lesson plans

Video captioning

ETC.



Over naar de

PRAKTIJK



CAMPUS
VTI SINT-LUCAS

SCHOLEN a/d **LEIE**
WAAR TALENT DOORSTROOMT

Onze school | Een introductie



Menen | België



2 vestigingen



Technisch- | beroepsonderwijs



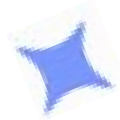
700 leerlingen



110 leerkrachten



20% nieuwkomers of beheersen het Nederlands niet goed genoeg



STEM | Mechanica | Hout | Elektriciteit | Mechatronica | Icw | automechanica

Onze school | Een introductie

Struikelblokken | inclusie



Ouders beheersen vaak het Nederlands
niet goed genoeg

- Moeilijk communiceren
- Taal problemen doen zich al voor bij inschrijving
- Moeilijke start

Het schoolreglement

AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



PARENTS – (NEW) STUDENTS

TIMING



24/7



Het schoolreglement

AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



PARENTS – (NEW) STUDENTS

TIMING



24/7

OBJECTIVE(S)



Niet-Nederlands sprekende ouders (en leerlingen) al vanaf de inschrijving laten kennismaken met het schoolreglement.

Ons schoolreglement in een AI chatbot

MIZOU



bit.ly/mizou-vti

★ **DAIVERSE** ★

Opbouw AI-chatbot

AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



PARENTS – (NEW) STUDENTS

TIMING



24/7

Chatbot Instructions

Start by adding a title that clearly describes the chatbot experience, and may include a catchy phrase to engage students.

Title ?

Schoolreglement VTI Sint-Lucas Mene

Ai Instructions ?

De gebruiker van de chatbot wil meer te weten komen over het schoolreglement van VTI Sint-Lucas in Mene. Alle gegevens kan je vinden in het geuploadede pdf document. Geef alleen informatie die terug te vinden is in het document.

Generate

Grade Level ?

Choose a grade...

Grade 12

Preview

Clear



Welkom bij de chatbot van VTI Sint-Lucas in Mene. Via deze weg kan je meer te weten komen over ons schoolreglement.



Wanneer is de school open?



Je bent 's morgens ten laatste om 8.05 uur op school en 's middags om 12.55 uur [9:1+bron] .



Send a message...



Opbouw AI-chatbot

AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



PARENTS – (NEW) STUDENTS

TIMING



24/7

DESCRIPTION



Rules ?

- De gebruiker blijft beleefd.
- De gebruiker kan verschillende talen gebruiken.
- De chatbot mag antwoorden in de taal die de gebruiker vraagt.

Knowledge File ?

↑ Upload

📄 Schoolreglement 2023-2024.pdf...

Audio ?

Emma 🗣️



Wat is de regelgeving rond kledij op school?



Verzorgde kledij en uiterlijk zijn belangrijk op onze school. Specifieke schoolkledij moet regelmatig naar huis worden meegenomen om te wassen/herstellen. Werkpakken mogen niet in openbare plaatsen gedragen worden. Haardracht en kledij moeten voldoen aan de door de directie gestelde normen, met een beperkt aantal oorringen/piercings toegestaan, mits niet aanstootgevend. Tijdens LO- of praktijklessen zijn sieraden niet toegestaan, en moeten piercings en oorringen verwijderd of afgeplakt worden. Uiterlijke politieke of ideologische tekenen zijn niet toegestaan [22:0†bron] .



STEM – Engineering

AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



12 – 13 y.

TIMING



24/7

OBJECTIVE(S)



**Extra leerkracht voor vragen van de leerlingen.
Het onderwerp kan worden gekozen door de echte
leraar.**

24/7 bereikbaar 🤖

Het vak Frans



AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



12 – 13 y.

TIMING



24/7



Het vak Frans



AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



12 – 13 y.

TIMING



24/7

OBJECTIVE(S)



**Is het mogelijk dat de chatbot de theoretische uitleg en de uitleg van de docent (video) kan geven?
Op elk moment kunnen ze bekijken/beluisteren.
Als opfrisser ter voorbereiding op een toets,
huiswerk of examen.**

Het vak Frans



AI EDTECH TOOL



MIZOU.COM

TARGET GROUP



12 – 13 y.

TIMING



24/7

DESCRIPTION



Rules ?

- De leerlingen chatten over Franse woordenschat.
- De leerling blijft beleefd.
- De chatbot mag de vertaling vragen van de woordjes in beide richtingen. Nederlands - Frans of Frans - Nederlands.
- Als de leerling meer wil weten over 'voetbal' dan moet de chatbot deze link geven: https://youtu.be/r_IN52VwrBo?feature=shared
- Als de leerling meer wil weten over 'Kaas' dan moet de chatbot deze link geven: https://youtu.be/eQdA_iecHyM?feature=shared

🔔 Maximum 1000 characters

Voorbeelden uit de praktijk

Nederlands



- Correcte zinnen schrijven
- Gebruik van hoofdletters en leestekens
- Leerlingen krijgen feedback

OBJECTIVE(S)



zorgleerkracht



- Woordenschatgroepen integreren
- Woordenschat uit praktijklessen
- Woorden uit het dialect (vb. stage, ...)

zorgleerkracht



- Klasgenoten laten kennismaken met leerstoornissen van andere klasgenoten

ICT-leerkracht

- Chatbot maken als toets of herhaling

Een ICT-test



<https://bit.ly/m-snel>

Wat kan Mizou nog?



Welkom bij de Sneltoetsen chatbot! Laten we samen de basissneltoetsen in tekstverwerkingsprogramma's ontdekken en je kennis testen. Klaar om te beginnen?



ja



Geweldig, Robbe! Laten we beginnen met de eerste vraag over sneltoetsen.

1. Wat is de sneltoets om tekst te kopiëren in een tekstverwerkingsprogramma?

Geef je antwoord maar, dan laat ik je weten of het klopt!



ctrl + c



Precies, dat is correct! CTRL + C wordt gebruikt om tekst te kopiëren. Laten we verder gaan met de volgende vraag.

2. Wat is de sneltoets voor het plakken van gekopieerde tekst?

Bijhouden van het gesprek met de leerling

Wat kan Mizou nog?

Beoordelen van het gesprek



Robbe

A+

The student engaged actively and correctly with the chatbot, providing accurate answers to all the questions about keyboard shortcuts in a word processing program. The student demonstrated a clear understanding of the material and followed the instructions given by the chatbot. There was no use of obscene language or disrespectful behavior, and the student maintained a respectful and focused interaction throughout the conversation. Overall, the student's performance was exemplary, earning them an A+ grade.

Grading **A+**



Welkom bij de Sneltoetsen chatbot! Laten we de basissneltoetsen in tekstverwerkingsprogramma's kennis testen. Klaar om te beginnen?



ja



Geweldig, Robbe! Laten we beginnen met de sneltoetsen.

1. Wat is de sneltoets om tekst te kopiëren in een tekstverwerkingsprogramma?

Geef je antwoord maar, dan laat ik je weten of het juist is.



ctrl + c



Precies, dat is correct! CTRL + C wordt gebruikt om tekst te kopiëren. Laten we verder gaan met de volgende vraag.

2. Wat is de sneltoets voor het plakken van tekst?

Wat kan Mizou nog?



Sneltoetsen in een tekstverwerkingsprogramma.

Session of October 14, 2024

 [Invite Students](#)

Students  14

Order by **Creation date** ▼

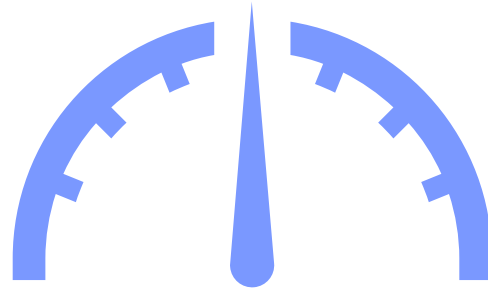
Search... 

USER	AI SUGGESTED GRADE	DURATION	SUBMITTED	STATUS	
 Cas	 A	5 minutes	14 days ago	Exited	...
 Robbe	 A+	3 minutes	14 days ago	Exited	...
 Robbe	 A	13 minutes	14 days ago	Exited	...
 Ewoud Deleu	 B	15 minutes	14 days ago	Exited	...

More Artificial Intelligence for

INCLUSION

ONE SIZE FITS ALL?



ONE SIZE FITS ALL?



ONE SIZE FITS ALL?



DIFFERENTIATION with **AI powered** QUIZZES



Reading comprehension and AI



TEXT

TEXT CREATION

PROMPT (topic) + INPUT (vocabulary)

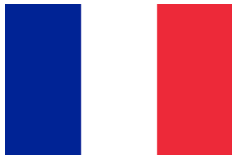
DIFFERENTIATION

LEVEL: Beginner ➡ Advanced

TEXT TYPE: Story, conversation, article, etc.

LANGUAGE (TEXT and/or QUESTIONS)

TRY OUT

	TOPIC	LEVEL	TEXT	QUESTIONS	TEXT TYPE
G 1	WELZIJN op SCHOOL	C2			ARTICLE
G 2	BIEN-ÊTRE à l'école	C1			CONVERSATION
G 3	La Inteligencia Artificial	B2			STORY
G 4	HISTORY of BELGIUM	C2			EPIC STORY
G 5	TEACHER & STUDENT	C1			FAIRY TALE

TRY OUT

	TOPIC	LEVEL	TEXT	QUESTIONS	TEXT TYPE
G 1	WELZIJN op SCHOOL	C2			ARTICLE
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G 3	La Inteligencia Artificial	B2			STORY
G 4	HISTORY of BELGIUM	C2			EPIC STORY
G 5	TEACHER & STUDENT	C1			FAIRY TALE

Show reading text

Which clubs has Cristiano Ronaldo played for?

18

Barcelona, Bayern Munich, PSG

AC Milan, Inter Milan, Roma

Arsenal, Chelsea, Liverpool

Manchester United, Real Madrid, Juventus

TRY OUT

	TOPIC	LEVEL	TEXT	QUESTIONS	TEXT TYPE
G 1	WELZIIN op SCHOOL	C2	 	 	ARTICLE
G 2	BIEN-ÊTRE à l'école	C1	 	 	CONVERSATION
G 3	La Inteligencia Artificial	B2			STORY
G 4	HISTORY of BELGIUM	C2	 	 	EPIC STORY
G 5	TEACHER & STUDENT	C1			FAIRY TALE



NEW!

AI-generated feedback

Each student receives feedback on how they performed, written by AI, after completing the quiz



AI generated FEEDBACK

G5-Teacher and Student

Finish
and go back

 **Feedback (AI generated)**

Feedback

You did well in identifying the significance of tales and the essence of true magic. Great job!

For question 2, remember the village setting was different from a desert. In question 3, the learning involves more than memorization – it's about curiosity and unlocking potential. Keep exploring!

 Mark as read



NEW! AI-generated feedback

Each student receives feedback on how they performed, written by AI, after completing the quiz

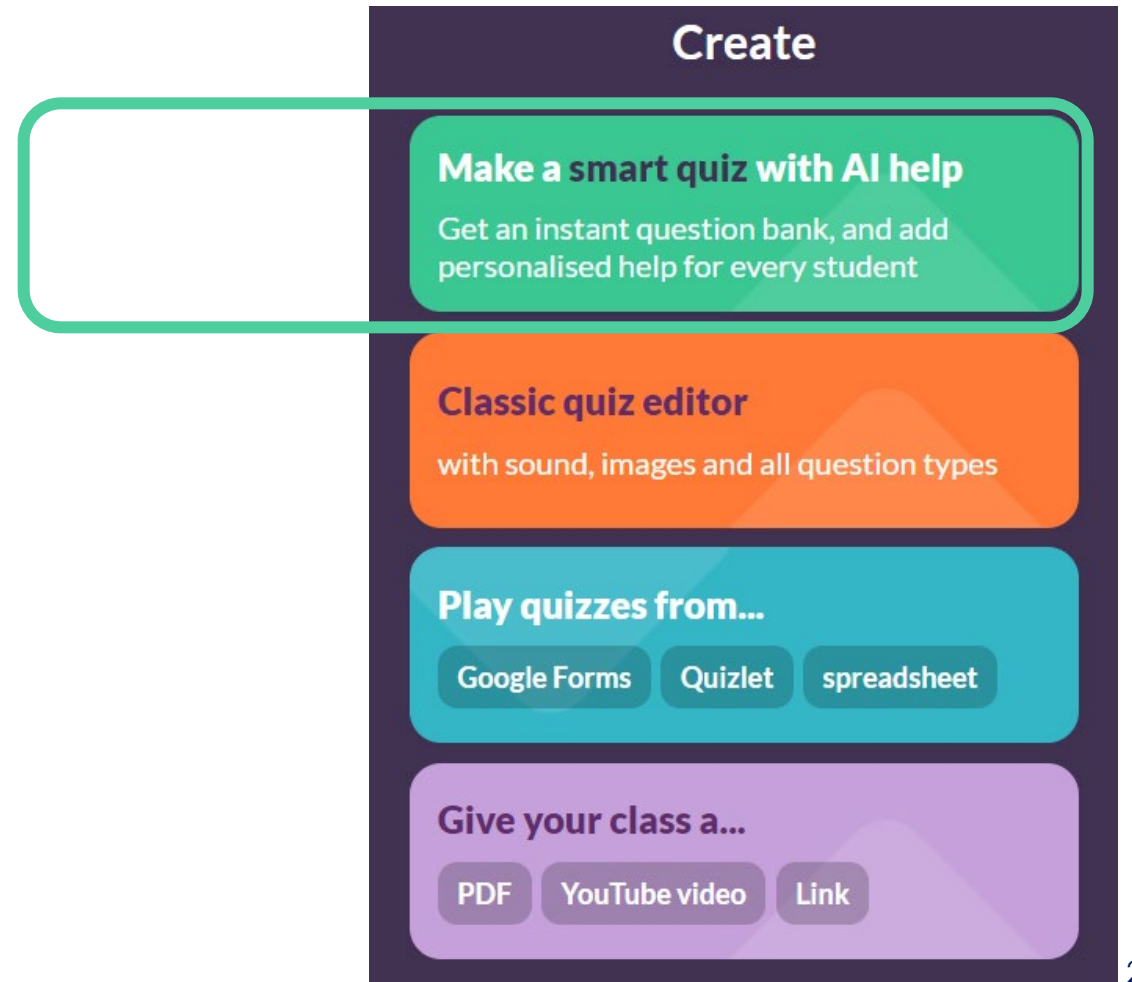


Create a Quiz with Quizalize

Reading comprehension and AI

Quizalize

quizalize.com



Reading comprehension and AI

Hello! What are you teaching today?

Enter a topic...

New time-savers! get suggested questions from any of these

Paste some long text

YouTube video

Skills or standard

Vocabulary quiz

Fill in the blank

New World languages

Vocabulary quiz

Reading comprehension

Fill in the blank

Quizalize

Reading comprehension and AI

Hello! What are you teaching today?

Enter a topic...

New time-savers! get suggested questions from any of these

Paste some long text

YouTube video

Skills or standard

Vocabulary quiz

Fill in the blank

New World languages

Vocabulary quiz

Reading comprehension

Fill in the blank

Reading comprehension quiz

Topic

Paste a vocabulary list

Enter a topic

Type of text

Story

Conversation

Article

Custom

Our AI will generate a passage of text based on these options and any input you provide above. Then you will have a chance to review the text, and if you are satisfied we will create reading comprehension questions for you to choose from.

Write the text in

Choose a language...

What can we do about
Climate Change?

Cars
Cows
Planes

Quizalize

Reading comprehension and AI

Reading comprehension quiz

Topic

Type of text ☒ Story ☐ Conversation ☐ Article ☐ Custom

Our AI will generate a passage of text based on these options and any input you provide above. Then you will have a chance to review the text, and if you are satisfied we will create reading comprehension questions for you to choose from.

Write the text in

Write the text in ☒ English

☒ at level ☐ ACTFL ☒ CEFR ☐ IETLS

☐ A1 ☐ A2 ☐ B1 ☐ B2 ☐ C1 ☐ C2

quizalize.com

Quizalize

EXTRA: follow up

Provide your students with different follow-up  YouTube videos,  PDF worksheets,  web activities or even  other quizzes depending on their quiz score.

A student that scores **less than 50%** should see...

Choose your own resource

or use a shared



A student that scores **between 50-80%** should see...

Choose your own resource

or use a shared



A student that scores **more than 80%** should see...

Choose your own resource

or use a shared



SHARE WITH STUDENTS

1. Create a class

2. All together or differentiate?

Choose
HOMEWORK
mode

Learning activities

DAIVERSE Scenarios

daiverse.eu/scenarios



DAIVERSE LEARNING ACTIVITY



Introducing new students and their parents to their new school with a chatbot.

Frederik Wylin
VTI Sint-Lucas
Menen (BE)

DAIVERSE FRAMEWORK



- A-Teaching Assistance –
 - 2. LINGUISTIC DIVERSITY,
 - A-Teaching Assistance –
 - 3. CULTURAL DIVERSITY,
 - C-AI for Differentiated Instruction –
 - 3. SPEECH AND COMMUNICATION DEVELOPMENT
- daiverse.eu/framework

AI EDTECH TOOL



mizou.com

TARGET GROUP



6-99 y.

TIMING of ACTIVITY



10 minutes

OBJECTIVE(S)



DESCRIPTION



- Introducing new students and their parents to their new school by asking questions about the school rules.
- Foreign-speaking students and parents can easily access the info about the school rules without mastering the language of the source document."
- Preparation: upload the documents with the school rules to Mizou chatbot and provide the link for the users (parents, students, etc.).
- Users (students, parents etc.) can ask questions about the school rules in any language found in the uploaded documents.

Learning activities

daiverse.eu/scenarios

DAIVERSE LEARNING ACTIVITY



Nonviolent Communication through Interactive Scenarios

This activity aims to create a dynamic and interactive learning environment where students can practice and refine their nonviolent communication skills.

Kornelia Lohynova
Hotelová akadémia
Bratislava (SK)

DAIVERSE FRAMEWORK



- B-AI-driven Accessibility
 - 2. THINKING AND REASONING ENHANCEMENT,
- C-AI for Differentiated Instruction
 - 1. SELF-REGULATION SKILLS DEVELOPMENT,
- C-AI for Differentiated Instruction
 - 3. SPEECH AND COMMUNICATION DEVELOPMENT

daiverse.eu/framework

AI EDTECH TOOL



schoolai.com

TARGET GROUP



10-20 y.

TIMING of ACTIVITY



60 minutes

OBJECTIVE(S)



- Develop skills to craft empathetic and supportive messages
- Enhance real-time communication and conflict-resolution abilities
- Receive and apply critical feedback to improve communication skills



Learning activities

daiverse.eu/scenarios

DESCRIPTION



- **Preparation:** Create a chatbot with SchoolAI. Write clear and concise prompt with short, understandable sentences. Include relevant background information, the more context you provide, the better the chatbot responses will be.
- **Introduction** (10 minutes)
Briefly introduce the concept of NVC and its importance in fostering empathetic dialogue.
Explain the structure of the activity and the role of the chatbot.
- **Interactive Scenarios** (35 minutes)
Scenario Presentation: The chatbot presents various real-life scenarios where students must respond using NVC principles.
Real-Time Response: Students craft their responses in real time, focusing on observations, feelings, needs, and requests.
Critical Feedback: The chatbot provides immediate feedback on their responses, highlighting strengths and areas for improvement.
- **Group Discussion** (10 minutes)
Students share their experiences and discuss the feedback received.
Encourage reflection on how their communication style has evolved.
- **Wrap-Up and Q&A** (5 minutes)
Summarize key takeaways from the session.
Open the floor for any questions or additional comments.



Learning activities

daiverse.eu/scenarios

ASSESSMENT & FEEDBACK



- Formative Assessment: Continuous feedback from the chatbot on each scenario response.
- Peer Review: Students review each other's responses and provide constructive feedback.
- Self-Reflection: Students can maintain a journal to reflect on their progress and areas for improvement.

TIPS & RESOURCES



- Encourage students to be open and honest in their responses.
- Foster a supportive environment where students feel safe to express themselves.
- Use role-playing to make scenarios more engaging and realistic.

Resource:

"Nonviolent Communication: A Language of Life" by Marshall B. Rosenberg

Daiverse course



- **Online**
- **Workload:** 4-6 hours
- **Start date:** 18 November - (about 2 weeks)
- Express interest: daiverse.eu/course



Q&A

Gent, BE
6 November 2024



Co-funded by
the European Union

Bart Verswijvel
Frederik Wylin

daiverse.eu

#EUKlas24

The logo for DAIVERSE, featuring the word "DAIVERSE" in a bold, brown, sans-serif font. It is flanked by four blue, four-pointed starburst shapes: one above the 'D', one above the 'I', one above the 'S', and one to the right of the 'E'.