

**Power Point presentation handout for Module 5 (WP4),
Inclusive, differentiated, and learner-supportive uses of AI**

Presentation titled “Inclusive, differentiated, and learner-supportive uses of AI” (11 slides). Show the slides and say the following:

Slide 1: title (Inclusive, differentiated, and learner-supportive uses of AI)

- Read the title, introduce the topic
- Go to slide 2.

Slide 2: What does it mean: Inclusive, differentiated, and learner-supportive uses of AI

- Read the question
- Go to slide 3 to explain

Slide 3: Infographics by ChatGPT

- Explain that:

Inclusive, differentiated, and learner-supportive uses of AI describe ways of using artificial intelligence to make learning more accessible, adapt teaching to individual needs, and help students become more confident and independent learners.

1) Inclusive uses of AI = Making learning accessible to everyone.

AI can help remove barriers that may prevent some learners from participating fully. It can be done by:

- **Accessibility:** text-to-speech, speech-to-text, captions, and audio materials.
- **Language support:** translation, simplified explanations, and vocabulary assistance.
- **Multiple ways to learn:** combining text, audio, images, and interactive activities.
- **Support for diverse learners:** adapting materials for students with dyslexia, ASD, or other learning needs.
- **Equal participation:** helping learners access the same educational content in different ways.

Example: A student with dyslexia listens to an AI-generated audio version of a foreign-language text while following the written version.

2) Differentiated uses of AI = Adapting learning to individual needs.

AI can help teachers and learners adjust the difficulty, pace, and type of learning activities.

- **Different difficulty levels:** creating easier, standard, or more challenging texts.
- **Personalised practice:** generating exercises based on a learner's mistakes.
- **Flexible pacing:** allowing students to repeat explanations or move ahead.
- **Different interests:** creating examples and tasks related to learners' interests.
- **Individual feedback:** identifying errors and suggesting ways to improve.

Example: AI creates three versions of the same reading task, with different vocabulary and comprehension questions, to meet different proficiency levels.

3) Learner-supportive uses of AI = Helping learners understand, practise, and learn independently.

AI can act as a learning assistant that supports students without replacing their own thinking.

- **Scaffolding:** breaking difficult tasks into smaller steps.
- **Explanations:** clarifying grammar, vocabulary, and difficult concepts.
- **Practice:** providing opportunities to practise speaking, writing, reading, and listening.
- **Feedback:** giving suggestions for improvement.
- **Learning strategies:** helping students plan, monitor, and evaluate their learning.
- **Confidence:** providing a safe space to ask questions and make mistakes.

Example: A student asks AI to explain a difficult grammar rule, practise it through exercises, and give feedback on their answers.

Key idea: AI should **support teachers and learners, not replace them**. Its purpose is to create learning opportunities that are more accessible, personalised, and supportive

- Go to slide 4

Slide 4: What is inclusive education and why is it important in foreign language classroom?

Read the questions

- Go to slide 5 to explain.

Slide 5: infographics by Gemini

Explain that:

Inclusive education is an approach to teaching where all students—regardless of their physical, cognitive, social, emotional, or linguistic background—learn together in the same general

education environment. It focuses on removing barriers to learning, valuing diversity, and providing tailored support so that every student can fully participate and succeed.

Inclusive education is important in the Foreign Language Classroom because language learning can be uniquely intimidating and challenging. Implementing inclusive practices in this environment offers key benefits:

- **Fosters Social and Cultural Empathy:** Foreign language education naturally introduces students to diverse perspectives. An inclusive classroom environment mirrors this value by encouraging peer collaboration, mutual respect, and cross-cultural understanding among students with different abilities and backgrounds.
- **Lowers the Affective Filter:** Language anxiety (fear of making mistakes or speaking publicly) severely hinders acquisition. Inclusive classrooms create a safe, supportive culture where errors are viewed as natural steps in learning, boosting confidence.
- **Supports Diverse Learning Profiles:** Language learners come with varied backgrounds—including special educational needs (SEN), neurodivergence (e.g., dyslexia, ADHD), and differing baseline abilities. Differentiated instruction and tools ensure materials are accessible to everyone rather than using a "one-size-fits-all" approach.
- **Enhances Motivation and Engagement:** When lessons cater to different learning styles and offer personalized content (such as through flexible tasks or assistive technology), students feel recognized and remain more actively engaged.
- **Promotes Real-World Communication Skills:** Authentic communication requires interacting with a wide variety of people. Learning a language alongside diverse peers prepares students for real-world interactions in multicultural, inclusive global settings.

- Go to slide 6

Slide 6: Why is AI awareness in (inclusive) education important?

- Read the question

- Go to slide 7

Slide 7: Infographics by Gemini

- Explain that:

AI awareness in inclusive education is critical because technology is reshaping how learning happens. Without deliberate AI literacy and ethical awareness, artificial intelligence can easily widen existing inequalities rather than bridge them.

Developing AI awareness in an inclusive educational setting is important because:

- **Promotes Equitable Access and Agency:** Understanding AI tools empowers all students—including those with Special Educational Needs (SEN) or neurodivergent profiles—to independently select and adapt assistive technology (like text-to-speech, real-time translation, or dynamic scaffolding) tailored to their unique learning styles.
- **Fosters Critical Thinking and Ethical Use:** AI models carry inherent biases, hallucinations, and cultural gaps. Teaching students to recognize these limitations ensures they view AI as a supportive aid rather than an absolute authority, building essential digital literacy for modern citizenship.
- **Reduces the Digital Divide:** Equity isn't just about having access to hardware; it is about knowing how to leverage software effectively. Ensuring every learner understands how to use AI tools prevents marginalized or disadvantaged students from being left behind in a tech-driven world.
- **Empowers Teachers for Effective Differentiation:** Educator awareness allows teachers to move beyond "one-size-fits-all" instruction. When teachers understand AI capabilities, they can efficiently design personalized learning materials, adapt reading levels, and lower student anxiety without overwhelming their own workload.
- **Prepares Students for an AI-Driven Future:** AI proficiency is becoming a foundational skill across industries. Cultivating AI awareness early prepares diverse learners for future career paths, ensuring equal opportunities in an evolving global workforce.

Slide 8: AI tools that can be used for inclusive, differentiated, and learner-supportive FL teaching/learning

- Read the sentence and go to slide 9.

Slide 9: Infographics by ChatGPT

- Explain that:

In simple terms it can be said that:

Inclusive AI → *Everyone can access the learning.*

Differentiated AI → *Everyone can learn at an appropriate level.*

Learner-supportive AI → *Everyone can practise, receive feedback, and become more independent.*

Important: AI should **support teachers, not replace them**. Teachers should check AI-generated materials for accuracy, appropriateness, accessibility, and bias, and decide how AI is used in the classroom.

Slide 10: Infographics by Gemini

- Read the examples of AI-driven tool, i.e. ChatGPT, Google NotebookLM, Gemini, DeepL.
Go to slide 11 to say more.

Slide 11: Infographics by Gemini

- Ask the question: How can ChatGPT, Google NotebookLM, Gemini, DeepL support inclusive, differentiated and learner-supportive foreign language teaching and learning?
- Explain that:

1. Their “Superpowers”:

- **ChatGPT:** Simplifies hard readings into easier levels (A1, A2, B1) and provides a friendly, zero-judgment voice partner to practice speaking without fear.
- **Google NotebookLM:** Turns classroom notes and PDFs into audio podcasts and simple study guides for students who learn better by listening.
- **Gemini:** Combines visuals, audio, and step-by-step guides to help students who get overwhelmed by big assignments.
- **DeepL:** Helps students understand difficult words in their native language and uses *DeepL Write* to fix grammar and boost writing confidence.

2. How it helps learners:

- **Accessibility for all:** Features like speech-to-text, audio summaries, and translations remove barriers for students with dyslexia, visual impairments, or language barriers.
- **Personalized levels:** Teachers can instantly adapt one lesson into easier or harder versions so every student works at the right pace.
- **Lowering anxiety:** Practicing a new language with a non-judgmental AI helps quiet students build confidence before speaking in front of the class.

3. Simple Classroom Workflow

Step	Goal	Tool	Action
1. Prepare	Make materials accessible	NotebookLM	Upload a document to create an audio podcast and easy guide.
2. Adjust	Match student levels	ChatGPT	Rewrite a story into simple, medium, and advanced versions.
3. Write	Build writing confidence	DeepL	Check native-language translations and fix sentence grammar.
4. Speak	Practice speaking safely	Gemini / ChatGPT	Talk out loud with an AI bot in a low-stress environment.

Acknowledgment: *The above texts have been prepared by ChatGPT and Gemini with controlled prompting. The content was then checked and accepted by a professional in the field.*