

Working with OERs – Content Creation and Modification in the Class

Module5 - AI in Teachers' Continuous Professional Development (CPD)

M5-T2-MLC1

Learning goal: under the supervision of the teacher, students use AI for content creation in different formats

Duration: 45 minutes

Format: Group work

Equipment: smart devices, Internet access, generative AI tools

Expected Outcome: proper multimedia contents against the requirements are created

Preparation: before the lesson, the teacher:

- selects one vocational topic (e.g. Food Safety, Workplace Communication, Electrical Safety, Customer Service, Machine Maintenance);
- prepares a short task description (approximately one page) with attaching the same textual learning content to each group.
- assigns one AI application and one production task to each group.

Group 1 – Visual designers

AI tool: Canva AI, Microsoft Designer or Adobe Firefly

Create one visual material that supports learning:

- designing one infographic or process diagram;
- generating one illustrative image;
- ensuring visual accessibility (clear layout, readable colours and icons).

Deliverable: Visual learning unit.

Group 3 – Multimedia developers

AI tool: Synthesia, HeyGen, Pictory or ElevenLabs

Transform the textual learning content into multimedia by:

- creating a 1–2minute instructional video or narrated presentation;
- generating AI voice-over;
- adding subtitles for accessibility.

Deliverable: short educational video.

Group 4 – Presenters

- AI tool: Gamma, Google Slides with Gemini, Canva Magic Design
- create a colourful presentation from the textual learning content
- find and select resources
- add interactive elements

Deliverable: PPT containing core content of the textual learning unit.

Group 5 – Accessibility and localisation team

- AI tool: DeepL, ChatGPT, Google Gemini or Microsoft Translator
- Prepare the resource for wider use by:
- translating the learning unit into another language;
- adapting the language for beginners;
- recommending accessibility improvements (e.g. alt text, captions, text-to-speech compatibility, plain language).

Deliverable: Accessible and translated version.

Assessment, discussion – plenary discussion: each group presents the output and the others evaluate it with the teacher. If necessary, they try to upgrade the output by modifying the prompts commonly. The final microlearning units will be shared on the school platform.

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