Using AI to Review and Improve Teaching Materials

Classroom activity: AI Teaching Material Review Lab

Author: INS Escola del Treball de Lleida (IET)

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Aim: teachers practise using AI as a reflective partner to review one teaching material from any VET speciality, then make their own pedagogical decision.

Time: 75-90 minutes | Participants: individual teachers or pairs
Material: one short worksheet, task, rubric, practical instruction, quiz or explanation.

Step 1 - Context before AI: write the speciality, learner level, learning outcome, duration, constraints and one known difficulty learners may have.

Functional prompt to adapt and run:

Act as a reflective teaching-material reviewer for VET. Review the material below for clarity, alignment with the learning outcome, inclusiveness, readability, accessibility, assessment coherence and possible improvements. Identify strengths, then risks or unclear points, then specific improvements. Do not rewrite everything. Mark suggestions that require teacher judgement.

AI-use sequence:

1. Run the first review and save the prompt and response.

- 2. Ask one focused follow-up question, for example on clarity, accessibility or assessment coherence.
- 3. Classify suggestions as accept, adapt or reject. Add a short reason for each decision.
- 4. Revise the material using only the changes the teacher accepts or adapts.
- 5. Write a final note explaining how human judgement improved or limited the AI suggestions.

Deliverable: original material, first prompt, follow-up prompt, AI feedback, accept/adapt/reject table, revised material and final teacher justification.

Assessment focus: quality of context given to AI, critical reading of suggestions, alignment with learning outcomes, inclusion/accessibility awareness and final pedagogical responsibility.

Privacy rule: use anonymised, fictional or non-sensitive materials. Do not upload learner data, private assessment records or confidential workplace information.

Links: https://www.linkedin.com/company/vita-project-2025-2027/about/ | https://vita.itstudy.hu/