

A2.2 Evaluating the currently available technological solutions for language learning and teaching

RQ: What features of currently available digital tools are most relevant for teachers when teaching English?

In order to address this question, teachers from our partner schools completed a table indicating which digital tools they use for teaching English and which aspects they considered particularly relevant for potential integration into the DIGITASK Web App. The analysis of the data revealed the following findings:

Creation of materials

Teachers highlight the importance of **creating interactive learning materials** and **accessing resources from free online libraries** and **platforms that run along the state curriculum**.

Artificial Intelligence

Teachers articulated a need for AI-based support, especially in the form of **chatbots** and features that **facilitate the creation of teaching materials, such as texts and images**.

Quizzes, flashcards and games

The importance of incorporating **gamification options** (e.g., leaderboards, rewards), **games** and **quizzes** is emphasized.

Differentiation

Teachers highlight the value of tools that **address varying skill levels** and offer scaffolding to support student learning.






Task assignment

Task assignment should be **simple, possible through QR codes** without requiring registration, and should support **flexible group formation**.

Feedback

Teachers value digital tools that provide **instant feedback** to learners.

Main take away messages for the development of the DIGITASK Web App:

-  Evaluate the integration of AI, particularly for the creation of materials such as texts and images.
-  Provide more opportunities to incorporate games and quizzes during the pre-task and post-task phases.
-  Simplify task assignment for both students and teachers, and explore options for providing feedback.
-  Integrate a “Help”-button into the student interface that provides additional hints for solving the tasks, if needed.
-  Facilitate both the access to and the creation of educational materials within the app.