EdTechReflector 2.0. An instrument for the pedagogical reflection of using digital educational media

The EdTechReflektor supports teachers in analysing educational technologies (edtech) from a pedagogical perspective. The following questions help **identify key features of an edtech tool** – such as how learning content is presented, how learning processes are guided, and what kind of feedback learners receive. Based on your answers, a **profile** is developed, representing which pedagogical characteristics predominate in the tool: **instructional-reactive, adaptive-supportive, or reflective-creative.**
The aim is to use educational media more deliberately, recognise opportunities and limitations, and use edtech tools purposefully in the classroom. You can also try the interactive version of the EdTechReflector on our website!

Question 1:
HOW IS THE LEARNING CONTENT PREPARED AND PRESENTED FROM A DIDACTIC AND METHODOLOGICAL PERSPECTIVE?

For a pedagogically reflective use of edtech tools, it is important to develop an understanding of how a particular tool prepares and frames learning content, which in in shapes how students access this content.

Question 2:
HOW DO STUDENTS LEARN WITH THE EDTECH TOOL?

EdTech products frequently claim to promote a 'personalised' learning experience, i.e. they provide students with a flexible learning environment adapted to their needs. It is worth checking how exactly the product's architecture guides students through tasks and considering the educational implications of these processes.

Question 3:
HOW DOES THE EDTECH TOOL PROVIDE FEEDBACK TO STUDENTS AND SHOW THEM HOW THEY ARE PERFORMING?

Many edtech tools claim to provide faster and more personalised feedback to students than is possible in traditional analogue classroom settings. However, the design of feedback mechanisms in edtech tools always conveys a specific view of learning processes, which has a strong effect on students' perceptions of themselves and their performance and in turn encourages certain behaviours.

Question 4:
HOW IS MY STUDENTS' LEARNING PROGRESS PRESENTED TO ME AS A TEACHER?

The evaluation and presentation of students' learning progress is a key feature of most edtech tools. Yet, this can be designed in very different ways, which has a significant impact on the 'impression' teachers gain of their students' learning and on the decisions they make based on it.

Test your edtech tool with the interactive (online or analogue) **EdTechReflector 2.0:**

☞ https://unblackthebox.org/en/materials-information/ubtb-open-educational-resources/the-edtechreflector-2-0/

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