

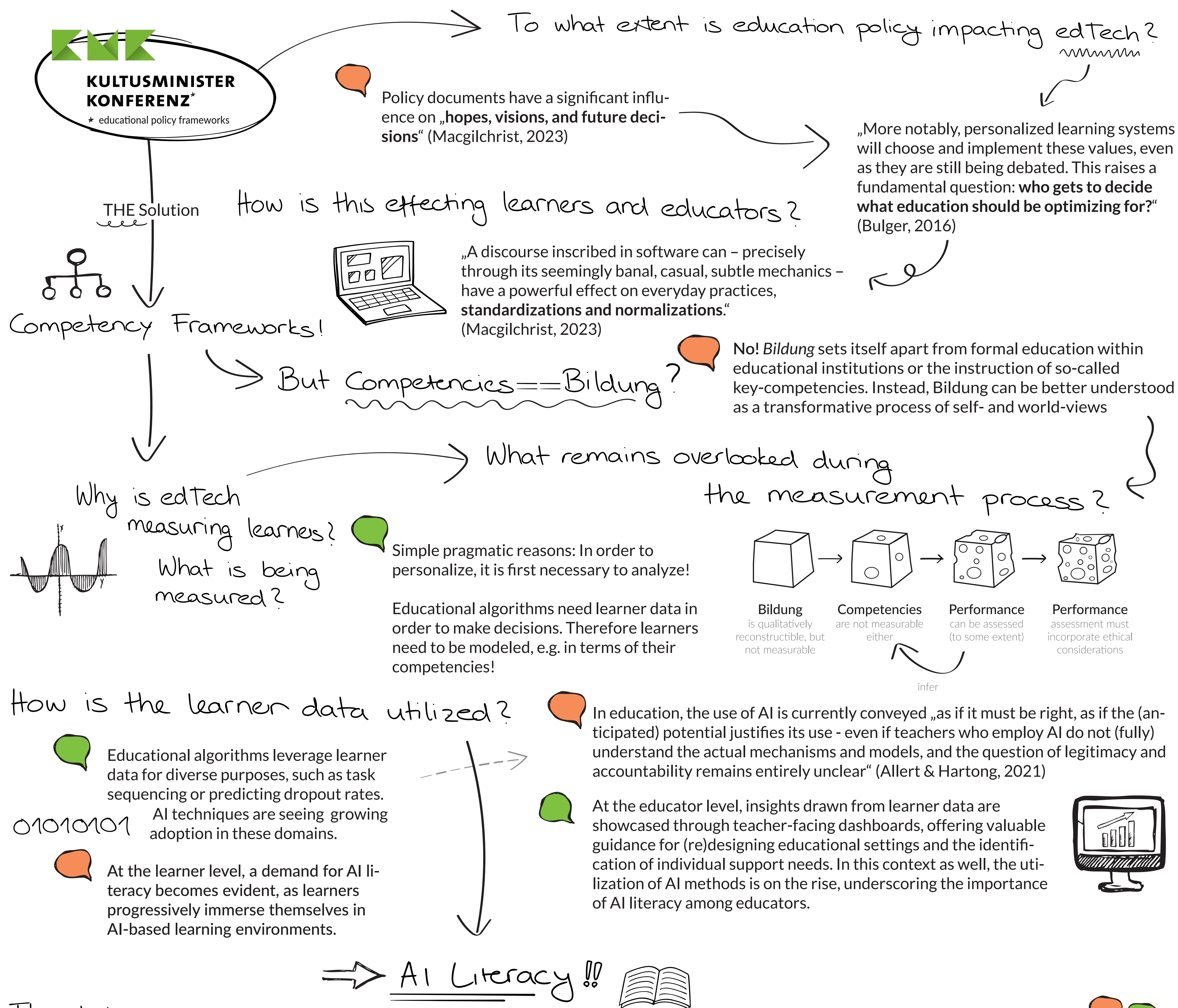
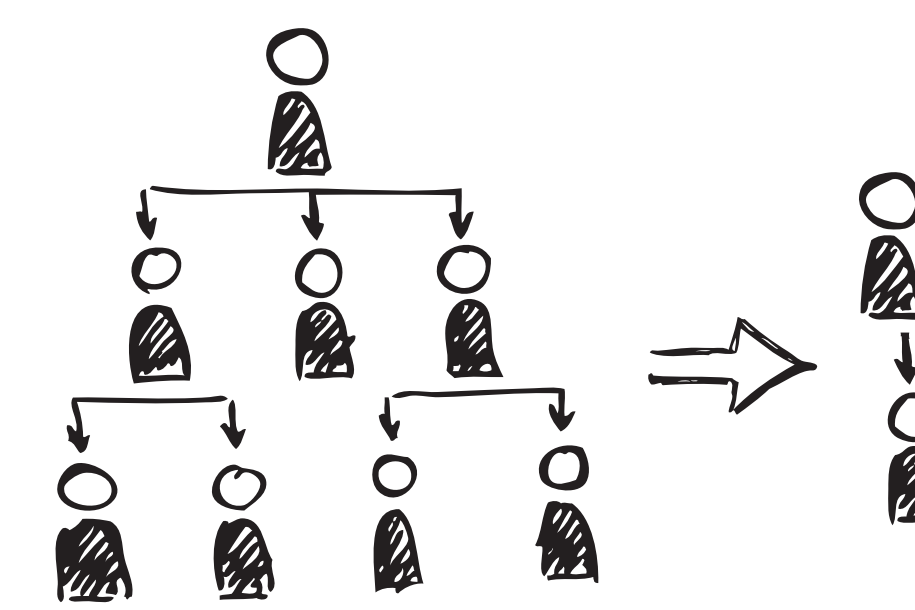
Interdisciplinary Perspectives on the Use of Competency-Based Learning and AI in Personalized Learning Environments

Keywords: Personalized Learning Environments, Competency-based Learning, AI Literacy



What does the future of learning look like?

„Nowadays, what people call learning is forced on you and **everyone is forced to learn the same thing on the same day at the same speed** in class. And everyone is different. For some it goes too fast, for some too slow, for some in the wrong direction. [...] Well, in the old days you used to have **tutors** for children. A person who could afford it would hire a pedagogue, a tutor, and he would teach the children; and if he knew his job he could adapt his teaching to the tastes and abilities of the students, you see. [...] Now, there's a possibility of a **one-to-one relationship for the many**. Everyone can have a teacher in the form of access to the gathered knowledge of the human species.“ (Moyers, 1988)



The takeaway

The development of educational technology, such as personalized learning environments, necessitates an **interdisciplinary approach** to ensure that neither educational nor computer science falls into the trap of developing a reductionist understanding of the other discipline.

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