

# Towards more powerful learning environments through combining the perspectives of designers, teachers, and students.

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## **Towards more powerful learning environments through combining the perspectives of designers, teachers, and students**

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In order to reach the main aims of modern education, powerful learning environments are designed. The characteristics of the design of PLEs are expected to have positive effects on student learning. Additionally, teachers' conceptions of learning and teaching do influence the implementation of a PLE. Moreover, students' perceptions of a learning environment affect their subsequent learning behaviour and the quality of the learning outcomes. The different perspectives of educational designers, teachers, and students are summarized in the Combination-of-perspectives (COOP) model. Combining these perspectives by mutual exchange of conceptions and perceptions is expected to have positive effects on the power of PLEs.

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