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## Developing digital and analogue materials for teaching mechanics in secondary level I - Initial test results

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As part of a dissertation project on teaching mechanics at lower secondary level, teaching materials were (re-) developed in digital and analogue form. Additionally, a guideline was created, containing a detailed lesson plan. This should a) support teachers and b) allow for better comparison between them. The new materials/lesson plans were then applied and tested in school. The evaluation process and initial results are presented in this paper.

### Education level

Age 12-15 (Secondary education)

### Physics topic

Other

### Research focus

Innovative instructional strategies and pathways

### Research method

Educational design research (Qualitative research)

### Organizing preference criteria

Research method

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