

Designing a data feedback cycle for improving (student) teachers' teaching of science and technology in primary schools

Researcher: Peter Bom

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PhD Research: ESoE

Promotor: prof. dr. D. Beijaard

Co-promotor: dr. M. Koopman

Research Problem:

To what extent do primary school (student) teachers develop pedagogical skills for stimulating their pupils' attitude towards S&T by completing the data feedback cycle?

Summary:

Pupils' attitudes towards Science and Technology (S&T) decline from the age of ten. At the same time, S&T-knowledge increasingly influences modern society. The possession of adequate pedagogical skills enables teachers to stimulate pupils' attitude towards S&T. In this study a data feedback cycle to improve (student) teachers' S&T teaching will be designed and tested. The aim of this research is to design a data feedback cycle in which (student) teachers develop their pedagogical skills in stimulating pupils' attitude towards S&T.