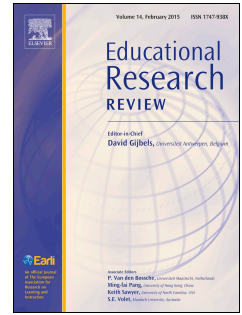


Accepted Manuscript

Effects of Innovative Science and Mathematics Teaching on Student Attitudes and Achievement: A Meta-Analytic Study

Elwin R. Savelsbergh, Gjalt T. Prins, Charlotte Rietbergen, Sabine Fechner, Bram E. Vaessen, Jael M. Draijer, Arthur Bakker



PII: S1747-938X(16)30030-6

DOI: [10.1016/j.edurev.2016.07.003](https://doi.org/10.1016/j.edurev.2016.07.003)

Reference: EDUREV 199

To appear in: *Educational Research Review*

Received Date: 29 December 2015

Revised Date: 18 July 2016

Accepted Date: 21 July 2016

Please cite this article as: Savelsbergh, E.R., Prins, G.T., Rietbergen, C., Fechner, S., Vaessen, B.E., Draijer, J.M., Bakker, A., Effects of Innovative Science and Mathematics Teaching on Student Attitudes and Achievement: A Meta-Analytic Study, *Educational Research Review* (2016), doi: 10.1016/j.edurev.2016.07.003.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Effects of Innovative Science and Mathematics Teaching on Student Attitudes and
Achievement: A Meta-Analytic Study

Elwin R. Savelsbergh^{a, *}, Gjalte T. Prins^a, Charlotte Rietbergen^b, Sabine Fechner^{a, 1},
Bram E. Vaessen^{a, 2}, Jael M. Draijer^a & Arthur Bakker^a

a) Freudenthal Institute, Utrecht University, the Netherlands

b) Faculty of Social and Behavioral Science, Utrecht University, the Netherlands

1) Sabine Fechner is now at University of Paderborn, Germany;

2) Bram Vaessen is now at Eindhoven University of Technology, The Netherlands.

*) Corresponding author: Email: e.r.savelsbergh@uu.nl

Download English Version:

<https://daneshyari.com/en/article/6840979>

Download Persian Version:

<https://daneshyari.com/article/6840979>

[Daneshyari.com](https://daneshyari.com)