

Dr. Sterre K. Ruitenburg

Publications & Presentations

9 January 2026

PUBLICATIONS

My own name is in bold; supervised Master students are underlined. Asterisks () indicate shared first authorship.*

Peer-Reviewed Journal Articles

- **Ruitenburg, S. K.**, Guldemont, P., Kirschner, P. A., Jarodzka, H., & Camp, G. (2025). Initial practice performance moderates the distributed practice effect in complex procedural knowledge. *Applied Cognitive Psychology*, 39(e70032), 1–20.
<https://doi.org/10.1002/acp.70032>
 - Open materials, scoring protocol, data, and syntax: [OSF](#)
 - In the media: [Tips for Teachers](#), [InnerDrive](#)
- **Ruitenburg, S. K.**, Ackermans, K., Kirschner, P. A., Jarodzka, H., & Camp, G. (2025). After initial acquisition, problem-solving leads to better long-term performance than example study, even for complex tasks. *Learning and Instruction*, 95, 1-16.
<https://doi.org/10.1016/j.learninstruc.2024.102027>
 - Open materials, scoring protocol, data, and syntax: [OSF](#)
 - In the media: website Open University [\(1\)](#), [\(2\)](#)
- **Ruitenburg, S. K.***, & Tigchelaar, A. E.* (2021). Longing for recognition: A literature review of second-career teachers' induction experiences in secondary education. *Educational Research Review*, 33, 1-20. <https://doi.org/10.1016/j.edurev.2021.100389>
- Chisari, L. B.*, Mockevičiūtė, A.*, **Ruitenburg, S. K.***, Van Vemde, L.*, Kok, E. M., & Van Gog, T. (2020). Effects of prior knowledge and joint attention on learning from eye movement modelling examples. *Journal of Computer Assisted Learning*, 36(4), 569-579.
<https://doi.org/10.1111/jcal.12428>

Dissertation

- **Ruitenburg, S. K.** (2025). Practice made perfect: Effectiveness of retrieval practice, distributed practice, and interleaved practice for mathematics education in authentic school classrooms.
<https://research.ou.nl/en/publications/practice-made-perfect-effectiveness-of-retrieval-practice-distrib/>
 - In the media: [LinkedIn interview](#), [website Open University](#)

PRESENTATIONS

My own name is in bold. Asterisks () indicate that both presenters contributed equally.*

Conference Presentations

- **Ruitenburg, S. K.**, Guldemont, P., Kirschner, P. A., Jarodzka, H., & Camp, G. (2025, August 25-29). Initial practice performance moderates the spacing effect in complex procedural knowledge. In M. Ebersbach & **S. K. Ruitenburg** (Chairs), *Cognitive and motivational individual differences in the effectiveness of desirable difficulties* [Symposium]. EARLI Conference 2025, Graz, Austria.
- **Ruitenburg, S. K.**, Kirschner, P. A., Jarodzka, H., & Camp, G. (2024, August 21-23). How to make interleaved practice a desirable difficulty: Is initial blocked practice required?. In J. Roelle (Chair), *How to exploit the potential of desirable difficulties in education* [Invited symposium]. EARLI SIG 6&7 Conference 2024, Tübingen, Germany.
- **Ruitenburg, S. K.**, Camp, G., Ackermans, K., Kirschner, P. A., & Jarodzka, H. (2023, August 22-26). Worked-examples and retrieval practice in primary school students' mathematical problem-solving. In N. Obergassel & **S. K. Ruitenburg** (Chairs), *Understanding and optimizing effects of retrieval practice in education* [Symposium]. EARLI Conference 2023, Thessaloniki, Greece.
- **Ruitenburg, S. K.**, Camp, G., Ackermans, K., Kirschner, P. A., & Jarodzka, H. (2023, May 8-12). *What works when? The effect of studying worked examples and retrieval practice on primary school students' mathematical problem-solving performance* [Paper presentation]. ICO International Spring School 2023, Blankenberge, Belgium.
- **Ruitenburg, S. K.**, Camp, G., Ackermans, K., Kirschner, P. A., & Jarodzka, H. (2022, August 22-24). *The effect of worked examples and retrieval practice on primary school students' mathematical problem-solving performance* [Poster presentation]. EARLI SIG 6&7 Conference 2022, Zollikofen, Switzerland.
- **Ruitenburg, S. K.**, Camp, G., Kirschner, P. A., & Jarodzka, H. (2022, March 17-18). *The effect of worked examples and retrieval practice on primary school students' mathematical problem-solving performance* [Round table presentation]. ICO National Spring School 2022, Online.
- **Ruitenburg, S. K.**, Camp, G., Jarodzka, H., & Kirschner, P. A. (2021, August 23-27). *Retrieval-, distributed-, and interleaved practice in the classroom: A systematic review* [Paper presentation]. EARLI Conference 2021, Online.

Invited Presentations

- **Ruitenburg, S. K.** (2025, March 31). *Introductie effectieve oefenstrategieën* [Introduction to effective practice strategies] [Presentation]. U-RISE Meeting, Hasselt, Belgium.
- Ophuis-Cox, F. H. A. *, & **Ruitenburg, S. K.** * (2023, April 21). *Retrieval practice in het primair en secundair onderwijs: Waarom en hoe?* [Retrieval practice in primary and secondary education: Why and how?] [Presentation]. Trends-conferentie Effectief Leren, Heerlen, the Netherlands.