

Literatuur voor verdere verdieping

Bain, K., Rodriguez, J-M.G., & Towns, M.H. (2019). Chemistry and mathematics: Research and frameworks to explore student reasoning. *Journal of Chemical Education*, 96, 10, 2086-2096. <https://pubs.acs.org/doi/full/10.1021/acs.jchemed.9b00523>

Geyer, M. A., & Kuske-Janßen, W. (2019). Mathematical representations in physics lessons. In *Mathematics in physics education* (pp. 75–102). Springer. https://doi.org/10.1007/978-3-030-04627-9_4

Hewitt, P.G. (2022). The Importance of Reading Equations. *The Science Teacher*, March/April, 12-14. <https://www.nsta.org/science-teacher/science-teacher-marchapril-2022/importance-reading-equations>

Kaldaras, L., & Wieman, C. (2023). Cognitive framework for blended mathematical sensemaking in science. *International Journal of STEM Education*, 10-18. <https://doi.org/10.1186/s40594-023-00409-8>

Karam, R. & Krey, O. (2015). Quod erat demonstrandum: Understanding and explaining equations in physics teacher education. *Science & Education*, 24, 661-698. <https://link.springer.com/article/10.1007/s11191-015-9743-0>

Kop, P. (2023). Supporting the interpretation of formulas in physics education through mathematics lessons. *Proceedings of the 13th Congress of the European Society for Research in Mathematics*, Budapest: CERME

May, R.M. (2004). Uses and abuses of mathematics in biology. *Science*, 303, 790-793.

Redish, E.F. & Kuo, E. (2015). Language of physics, language of math: Disciplinary culture and dynamic epistemology. *Science & Education*, 24, 561–590. <https://doi.org/10.1007/s11191-015-9749-7>

Redish, E.F. (2021). Using Math in Physics: Overview. *Physics Teacher* 59, 314-318. <https://doi.org/10.1119/5.0021129>

Romer, R. H. (1993). Reading the equations and confronting the phenomena—The delights and dilemmas of physics teaching. *American Journal of Physics*, 61, 2, 128–142. <https://pubs.aip.org/aapt/aip/article/61/2/128/1054270/Reading-the-equations-and-confronting-the>

Uhden, O., Karam, R., Pietrocola, M., & Pospiech, G. (2012). Modelling mathematical reasoning in physics education. *Science & Education*, 21, 4, 485–506. <https://doi.10.1007/s11191-011-9396-6>