

Pensumtekster for KJEMDID200-P vår 2017

Ringnes, V., & Hannisdal, M. (2014). Kjemi fagdidaktikk. Kjemi i skolen. Oslo: Cappelen Damm Akademisk. 76s

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Abrahams, I. (2009). Does practical work really motivate? A study of the affective value of practical work in secondary school science. *International Journal of Science Education*, 31(17), 2335-2353. 18s

Abrahams, I., & Millar, R. (2008). Does practical work really work? A study of the effectiveness of practical work as a teaching and learning method in school science. *International Journal of Science Education*, 30(14), 1945-1969. 25s

Cartier, J. (2000). Using a modeling approach to explore science epistemology with high school biology students. Madison: National Center for improving student learning and achievement in mathematics and science. (s. 24-25), 2s

<http://ncisla.wceruw.org/publications/reports/RR99-1.PDF>

Windschitl, M., Thompson, J., Braaten, M., & Stroupe, D. (2012). Proposing a core set of instructional practices and tools for teachers of science. *Science Education*, 96(5), 878-903. doi:10.1002/sce.21027, 25 sider

Van Driel, J. H., & Verloop, N. (1999). Teachers' knowledge of models and modelling in science. *International Journal of Science Education*, 21(11), 1141-1153 (viktig s. 1141-1143). 3s

Set av artikler om en innføring i kjemi, 15s

de Vos, W., & Verdonk, A. H. (1985). A new road to reactions. Part 1. *Journal of Chemical Education*, 62(3), 238-240.

de Vos, W., & Verdonk, A. H. (1985). A new road to reactions. Part 2. *Journal of Chemical Education*, 62(8), 648-649.

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de Vos, W., & Verdonk, A. H. (1987). A new road to reactions. Part 4. The substance and its molecules. *Journal of Chemical Education*, 64(8), 692-694.

de Vos, W., & Verdonk, A. H. (1987). A new road to reactions. Part 5. The elements and their atoms. *Journal of Chemical Education*, 64(12), 1010-1013.

Læreplan for kjemi. Tilgjengelig på <http://www.udir.no> 5s

Pensum Realfagdidaktikk 2

Alle tekstene blir gjort tilgjengelig elektronisk.

L.W. Anderson, D.R. Krathwohl, P.W. Airasian, K.A. Cruikshank, R.E. Mayer, P. Pintrich, J. Raths, and M. Wittrock. A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives. New York: Longman., 2000.

Ole Kristian Bergem. Arbeidsplaner. Tangenten 4/09, s. 6-11, 2009.
<http://www.caspar.no/tangenten/2009/bergem.pdf>.

Biggs and Collis. Evaluating the quality of learning. The SOLO taxonomy. Kapittel 1 og 2. Academic Press, 1982.

John Dewey. Erfaring og tenkning. I: E. Dale. Om utdanning - klassiske tekster. Gyldendal akademisk, 2001/1916.

Elstad og Turmo (red.). Læringsstrategier: Søkelys på lærernes praksis. Kap. 1 og 2. Universitetsforlaget, 2006.

Brosjyre om vurdering: <http://www.udir.no/Vurdering/Vurdering-for-laring/Underveisvurdering-i-fag/>