

## **Reading list for Matematik: Matematikdidaktik 1, 91MA16, 2020**

Bergsten, C. m. fl (1997). Algebra för alla. Nämnaren Tema.  
Göteborg: NCM

Brandell, G., & Pettersson, A. (Red.). (2011)

Matematikundervisning. Vetenskapliga perspektiv. Stockholm:  
Stockholms universitets förlag

Gustafsson, L. & Mouwitz, L. (2002). Vuxna och matematik - ett  
livsviktigt ämne. Göteborg: NCM.

Jablonka, E. (2009). Mathematics for all: why? what? when? In C.

Winsløw (Ed.), *Nordic research in mathematics education.*

*Proceedings from NORMA08 in Copenhagen, April 21 - April 25,  
2008.* (pp. 293-306). Rotterdam: Sense Publishers.

James, M. C., & Willoughby, S. (2011). Listening to student  
conversations during clicker questions: What you have not heard  
might surprise you! *American Journal of Physics*, 79(1), 123.

Niss, M. (1994). Mathematics in society. In R. Biehler et al. (Eds.),  
*Didactics of mathematics as a scientific discipline* (pp. 367-378).  
Dordrecht: Kluwer.

Skolverkets kursplaner och betygskriterier i matematik.

Smith, M. K., Wood, W. B., Adams, W. K., Wieman, C., Knight, J.

K., Guild, N., & Su, T. T. (2009). Why peer discussion improves  
student performance on in-class concept questions. *Science*,  
323(5910), 122-4.

Wieman, C. et al. (2009). *Clicker Resource Guide: An Instructor's  
Guide to the Effective Use of Personal Response Systems  
(Clickers) in Teaching.*