

Elementary Mathematics Professional Learning

Resources

+Multi-Grades

The resources below will provide you with information that may be helpful in designing instructional activities in which formative assessment is embedded.

These resources are suggestions and are meant to complement what you are already using. They are not necessarily aligned to Alberta Curriculum. These resources come from a variety of sources and are not affiliated with Alberta Education.

Alberta Assessment Consortium website: www.aac.ab.ca

Black, P & Wiliam, D. "Assessment and Classroom Learning." *Assessment in Education*, Vol. 5, No. 1 (1998): 7-74

Butler, R. "Enhancing and Undermining Intrinsic Motivation." *British Journal of Educational Psychology* 58 (1988): 1–14.

Conversations About Assessment: A Parent's Guide. Alberta Assessment Consortium http://www.aac.ab.ca/ product/conversations-about-assessment-a-parents-guide/

Dweck, C.S. (2006). Mindset: The new psychology of success. New York, NY: Random House

Elawar and Corno, 1985; Elawar, M. C., & Corno, L. (1985). A factorial experiment in teachers' written feedback on student homework: Changing teacher behavior a little rather than a lot. *Journal of Educational Psychology, 77*, 162–173.

Elementary math videos produced by Alberta Education:

https://education.alberta.ca/mathematics-k-6/program-supports/everyone/videos/

Foos, P.W., Mora, J.J., & Tkacz, S. (1994) Student study techniques and the generation effect. *Journal of Educational Psychology*, 86(4).

Hattie, John. Visible Learning: A Synthesis of Over 800 Meta-Analyses Relating to Achievement. New York: Routledge, 2009

Hattie, John. Visible Learning for Teachers: Maximizing Impact on Teachers. New York: Routledge, 2012

Learning Guides for Parents (for both Mathematics and Numeracy) http://erlc.ca/resources/resources/learning-guides-for-parents/

Principles for Fair Student Assessment Practices for Education in Canada, 1993, Edmonton, Alberta). https://www.wcdsb.ca/wp-content/uploads/sites/36/2017/03/fairstudent.pdf

Schacter, J. (2000) Does individual tutoring produce optimal learning? *American Educational Research Journal*, 37(3),

Suurtamm, C, editor. (2015) Annual Perspectives in Math Ed 2015: Assessment to Enhance Teaching and Learning. NCTM

Teaching Quality Standards for Alberta: www.education.alberta.ca/media/1626523/english-tqs-card-2013_3.

Wiliam, Dylan. Embedded Formative Assessment. Bloomington IN: Solution Tree Press, 2011

Wiliam, D. and Leahy, S. (2015) *Embedded Formative Assessment Practical Techniques for K-12 Classrooms*. Learning Sciences International, West Palm Beach, Florida.













