

Productive Struggle Resources

Articles

Smith, Margaret S. "Balancing Old and New: An Experienced Middle School Teacher's Learning in the Context of Mathematics Instructional Reform." *Elementary School Journal* 100, no. 4 (2000a): 351-375.

Smith, Margaret S. "Reflections on Practice: Redefining Success in Mathematics Teaching and Learning." *Mathematics Teaching in the Middle School* 5, no. 6 (2000b): 378-82, 386.

Warshauer, Hiroko Kawaguchi. Strategies to Support Productive Struggle. *Mathematics Teaching in the Middle School*, 20 no. 7 (2015): 390-393.

Warshauer, Hiroko Kawaguchi. "Productive Struggle in Middle School Mathematics Classrooms." *Journal of Mathematics Teacher Education* 17, no.4 (2015): 375-399.

Video, Transcripts and Tasks

Principles to Action Professional Learning Toolkit <http://www.nctm.org/PtAToolkit/>

Middle School – Hexagon

High School – S-Pattern, Playground, Sine Waves

Books

Coming in April 2017

- *Taking Action: Implementing Effective Mathematics Teaching Practices in Grades PreK-5* (Huinker and Bill)
- *Taking Action: Implementing Effective Mathematics Teaching Practices in Grades 6-8* (Smith, Steele, & Raith)
- *Taking Action: Implementing Effective Mathematics Teaching Practices in Grades 9-12* (Boston, Dillon, Smith, & Miller)