List of Resources for Mathematics Programs

Acton Research

Algebraic Thinking

Assessment
Partnership for Assessment of Readiness for College and Careers (PARCC) http://parconline.org/
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**Common Core**
- ISBE website containing Common Core standards link and resources assembled by the state: http://www.isbe.net/common_core/default.htm
- The national document: http://www.corestandards.org/the-standards
- Web resource page assembled by Dr. James Olsen at WIU: http://faculty.wiu.edu/JR-Olsen/wiu/common-core/front.html

**Connection to Real World Mathematics**

**Doing What Works**

**Geometric Thinking**
- Malkevitch, J. (2009). What is geometry?. In T. Craine & R. Ruberstein (Eds.), Understanding geometry for a changing world: 2009 Yearbook (pp. 3-16). Reston, VA: NCTM.
- Ruberstein (Eds.), Understanding geometry for a changing world: 2009 Yearbook (pp. 335-348). Reston, VA: NCTM.


**Inquiry**


**Lesson Study**


**Videos**

- What is Lesson Study?

- Measuring success of a Lesson Study?
  [http://video.google.com/videoplay?docid=-780286713302698074&ei=U3NHSvWrH42CqQLY-iiLBg&q=lesson+study](http://video.google.com/videoplay?docid=-780286713302698074&ei=U3NHSvWrH42CqQLY-iiLBg&q=lesson+study)

- Japanese Lesson Study: Dr. Clea Fernandez
  [http://www.youtube.com/watch?feature=endscreen&NR=1&v=yv-7xmZDozo](http://www.youtube.com/watch?feature=endscreen&NR=1&v=yv-7xmZDozo)

**Websites:**

Lesson Study Group at Mills College, [http://lessonresearch.net/resources2.html](http://lessonresearch.net/resources2.html)

Lesson Study Communities Project, [http://www2.edc.org/lessonstudy/](http://www2.edc.org/lessonstudy/)

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Proportional Reasoning


Lesh, R., Post, T., & Behr, M. (1988). Proportional reasoning. In J. Hiebert & M. Behr (Eds.), *Number concepts and operations in the middle grades* (pp. 93-118). Reston, VA: NCTM.


Video Resources

**Teaching Channel** [https://www.teachingchannel.org/](https://www.teachingchannel.org/)

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Formative Assessment Resources: Types of