

Developing Visualization Skills in the Young Child

Tricia Salerno
SMARTTraining NOW, LLC
Tsalerno@singaporemathtraining.com



Developing Visualization in the Youngest of our Students

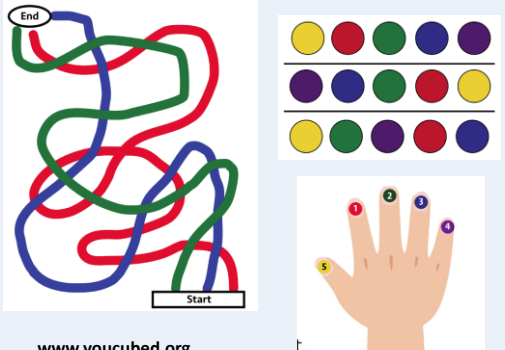
Textures

Throwing and catching a ball

Building 

Yeap Ban Har





www.youcubed.org



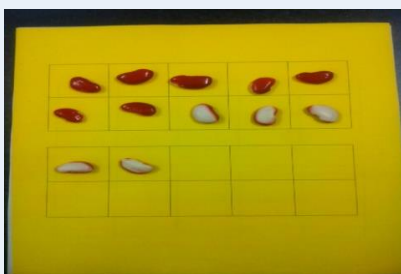
Number Bonds



Staff Development for Educators - "Don't Leave Out the Parents"



$$7 + 5 = 10 + 2$$



What is the Rekenrek?

- A tool that combines key features of other manipulative models like counters, the number line, and base-10 models.
- It is comprised of two strings of 10 beads each, strategically broken into groups of five.



Tangrams

- Tangrams are like building blocks.
- They can teach young learners about spatial relationships.
- They may help kids learn geometric terms and develop stronger problem solving skills. They might even help children perform better in general mathematics.



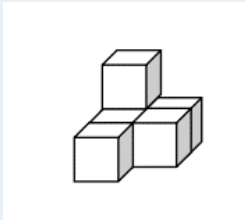
Source: <http://www.parentingscience.com/tangrams-for-kids.html#sthash.oK2S6lpm.dpuf>



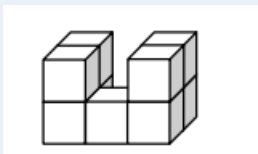
94 children are in a reading club. One-third of the boys and three-sevenths of the girls prefer fiction. If 36 students prefer fiction, how many girls prefer fiction?



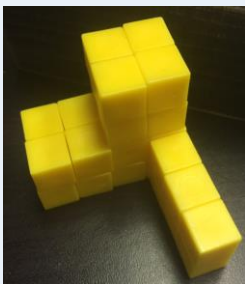
Building Blocks to Volume



Can You Build It? Can You Draw It?



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Websites/Resources

- Singapore Math®, Inc. www.singaporemath.com
- **Eureka Math "A Story of Units" Curriculum**
- Newfoundland and Labrador Kindergarten Curriculum Guide, 2008
- University of Kentucky - www2.research.uky.edu/~091.../summary_of_subitizing.doc
- Clements, Douglas H.,(1999). "Subitizing: What is it? Why Teach It." Teaching Children Mathematics, National Council of Teachers of Mathematics.

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