

Teaching Math on a Beginning Teacher's Budget

Standards-Based

Presented by Heather Sparks, NBCT
Taft Middle School
Oklahoma City Public Schools

Web Resources:

www.hisparks.com (Heather's website with links to all her favorite sites + resources)
www.nctm.org (National Council of Teachers of Mathematics website)
www.illuminations.com (NCTM's lesson/activity/resources site for teachers)
www.mathsolutions.com (Marilyn Burns' website where you can sign up for her free newsletter!)

Professional Resources:

Teaching Student-Centered Mathematics by Van de Walle & Lovin (by grade-level band)
Developing Mathematical Fluency: Activities for Grades 5-8 by Wheatley & Abshire
Math & Literature published by Math Solutions (by grade-level band)
How the Brain Learns Math by Sousa
Family Math by University of CA at Berkeley
Investigations published by TERC (for grades K-5)
Connected Math 2 published by Pearson (for grades 6-8)
About Teaching Mathematics by Marilyn Burns

Inexpensive Manipulatives:

- + beans
- + dice (a.k.a. number cubes)
- + wood cubes or wooden shapes (Hobby Lobby)
- + cards
- + cardstock or craft foam

Materials to Start Collecting Now:

- + reusable cans (e.g., coffee cans, Pringles cans, Cool-whip tubs, etc.)
- + unique boxes and containers (great for 3-D geometry)
- + ribbon, yarn
- + unusually-shaped jars and vases
- + calculator/cash register roll paper

REMEMBER: A flashdrive is a wonderful tool for "professional collaboration"!