Place Value and Properties of Operations

Take Aways:

\*using base 10 blocks:

-build it

-draw it

-calculate it

\*place value cards

-actually named in CCSS, kids should be using frequently

\*kids need to explain each other’s thinking

\*kids need to be exposed to at least 2 different methods

-how do we do this?

-put up strategy charts (see her Pinterest board for examples)

-anchor charts placed all over the room for kids to refer to

\*strategy work starts in 1st grade

\*homework should be 5 problems

-solve it in 2 ways

-show a model (show your thinking)

\*2 types of computational strategies

-special

-general

Resources:

National Library of Virtual Manipulatives

Anything you could want for the board

<http://nlvm.usu.edu/en/nav/vlibrary.html>

CCSS Critical Areas of Focus

The heart of what you should be teaching

<http://www.uen.org/commoncore/downloads/K-8CriticalAreasFocus.pdf>

Sparklebox

Go to “numbers”

Go to “place value”

Go to “10s and 1s bingo”

<http://www.sparklebox.co.uk/usa/#.URqXjqXt-fQ>

Inside Mathematics

Tons of activities and explanations. Really worthwhile!

<http://insidemathematics.org/index.php/mathematical-content-standards>

K-5 Teaching resources

Tons of CCSS activities

<http://www.k-5mathteachingresources.com>

South Dakota Counts

Different types of word problems

<http://sdesa.k12.sd.us/esa5/docs/sdcounts/SDCountsMathProblemBooklet.pdf>