

Math Lesson

Lesson Title: Building Houses with 3 Little Pigs
Grade: 2nd grade
Content Standard: 2.NBT 8 Mentally add 10 or 100 to a given number 100-900, and mentally subtract 10 or 100 from a given number 100-900.
Materials: Base ten blocks, read aloud book, 5-step process worksheet, recording sheet, clipboards, pencils, blank paper
<p>Shared Experience and procedure details:</p> <ul style="list-style-type: none"> * Share a version of the story 3 Little Pigs * Pass out the Base 10 Blocks to groups of 2 (4- 100's, 4- 10s, and 8- 1's)and instruct students that they need to make a house with all pieces touching and all pieces need to be seen and used. * All students need to count the value of their house and will be given a verbal cue that they need to be able to remember this value for later on. (Have paper or stick notes available for kids who wish to record it.) * Announce to kids that there is a supply delivery from the construction company. Pass out bags that contain either 1,2,3,4, or 5 tens. The students need to take inventory of what new supplies they are given so that they can remember this. Then they can begin to remodel their houses using their new supplies. * They then need to find the new value of their house. * Pass out the 5-step process worksheet * Students need to draw and write about their experience. (pictorial representation and people talk)
Possible Picture: various representations of houses, pictures of 100s, 10s, and 1s used, labels
Possible People Talk: I made a house, I counted, my house got bigger, color of blocks, value of their house in terms of 1's-10's-100's, how the value of their house changed
Feature Talk: Ask students what is important about what we did today? value, hundreds, ones, tens, place value, add, 10 more, equal, change, same
<p>Possible Symbolic Representation:</p> <p>number sentence representing 448+(building supplies given) with total</p> <p>pictorial representation of hundreds/tens/ones</p> <p>400+(tens –different for all) + 8=</p> <p>4 hundreds + (number of tens different for all) +8 =</p>
Written By: Math Camp Team Summer 2016