MATH NEWS

Grade 2,Unit 3, Topic A Fall 2014

2nd Grade Math

Unit 3: Place Value, Counting, & Comparison on Numbers to 1000

Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in the Engage New York material taught in the classroom. Module 3 of the Engage New York material covers Place Value, Counting, & Comparison on Numbers to 1000. This newsletter will discuss Module 3, Topic A.

Topic A. Forming Base Ten Units of Ten, a Hundred, and a Thousand

Words to know

- Base Ten
- Bundle
- Unbundle
- Place Value
- Ones (O)
- Tens (T)
- Hundreds (H)
- Thousands

Things to remember!!!

Remember when to bundle

10 ones = 1 ten

10 tens = 1 hundred

10 hundreds = 1 thousand

It is possible to ***Unbundle***

1,000 unbundled is 10 hundreds, 100 tens, or 1,000 ones

100 unbundled is 10 tens or 100 ones.

10 unbundled is 10 ones

OBJECTIVE OF TOPIC A

1 Bundle and Count ones, tens, and hundreds to 1,000

Focus Area– Topic A

Forming Base Ten Units of Ten, a Hundred, and a Thousand

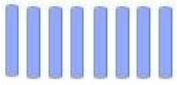
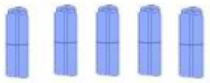
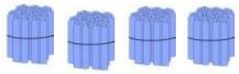
What is Base Ten?

Base 10 refers to the numbering system in common use. Take a number like 458, base ten refers to the position of each number. The 8 is in the ones place, the 5 is in the tens place and the 4 is in the hundreds place. Each number is 10 times the larger in value than the number to its right. Another way to write 458 is to say 4 hundreds, 5 tens, 8 ones.

What is a bundle?

Bundling is also called grouping. This is a way to group numbers by putting the smaller units together to make a larger one. For instance, putting 10 ones together makes 1 ten. Putting 10 tens together makes 1 hundred.

In the book, it shows that each number is represented by pictures or letters. The table below shows what each image represents.

Place Value	Picture
Ones (O) 8 ones = 8	
Tens (T) 5 tens = 50	
*Hu**ndreds (H)*** 4 hundreds = 400	

Students will represent numbers by drawing bundles. This is a sample of how 458 is represented. Students draw their own model of each bundle.