



MATH NEWS



Grade 2, Module 3, Topic A

November 2013

2nd Grade Math

Module 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

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	
Hundreds (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.

4	5	8
H	T	O

OBJECTIVE OF TOPIC A

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