20 Days of Lesson Plans and Activities

2ND grade

thE MAGIC Of MAth

PLACE VALUE

by Hope King and Amy Lemons

PLACE VALUE
OVERVIEW

	FOCUS	STANDARD
WEEK 1	Intro to Numbers Even/Odd and Skip Counting	TEKS: 2.7A CC: 2.OA..C.3, 2.NBTA.2
WEEK 2	Place Value: Hundreds, Tens, and Ones (up to 999) Standard/Expanded/Word Form Composing/Decomposing Numbers, Concrete & Pictorial Models	TEKS: 2.2A, 2.2B, 2.7B CC: 2NBT.A.I 2NBT.A.IA & IB 2NBT.A.3
WEEK 3	Place Value: Thousands, Hundreds, Tens, and Ones (CC: up to 999, TX: up to 1,200) Standard/Expanded/Word Form Composing/Decomposing Numbers, Concrete & Pictorial Models	TEKS: 2.2A, 2.2B, 2.7B CC: 2NBT.A.I 2NBT.A.IA & IB 2NBT.A.3
WEEK 4	Comparing and Ordering Numbers	TEKS 2.2C, 2.2DF CC: 2.NBT.A.4 2.NBT.A.IB

DAILY LESSON PLANS

-20 Days of Lesson Plans for:

Intro to Numbers (100s Chart, Even/Odd, Skip Counting

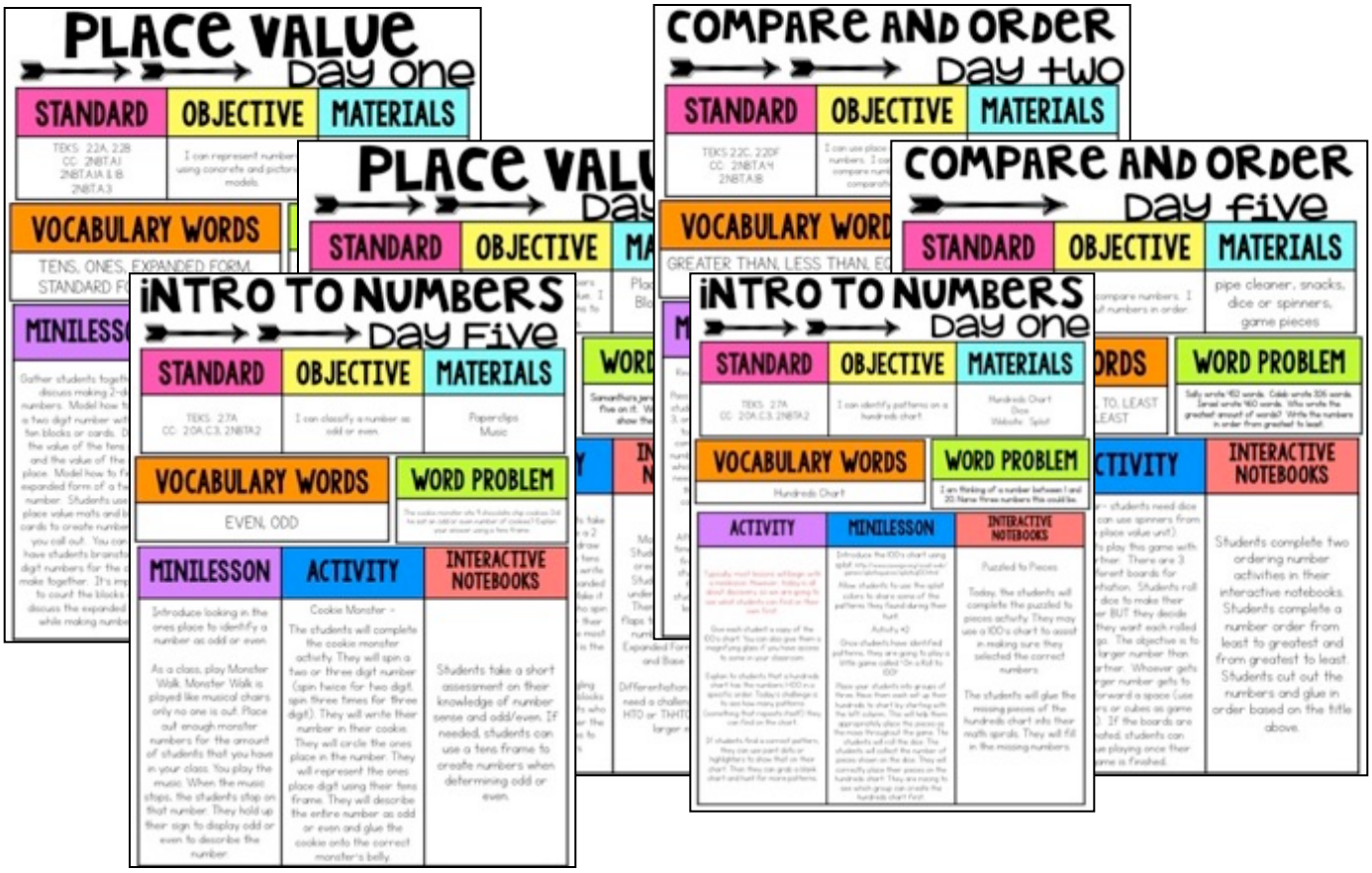
Place Value (to 999 OR 1,200)

Comparing and Ordering Numbers

-STANDARDS ALIGNED to Common Core and TEKS

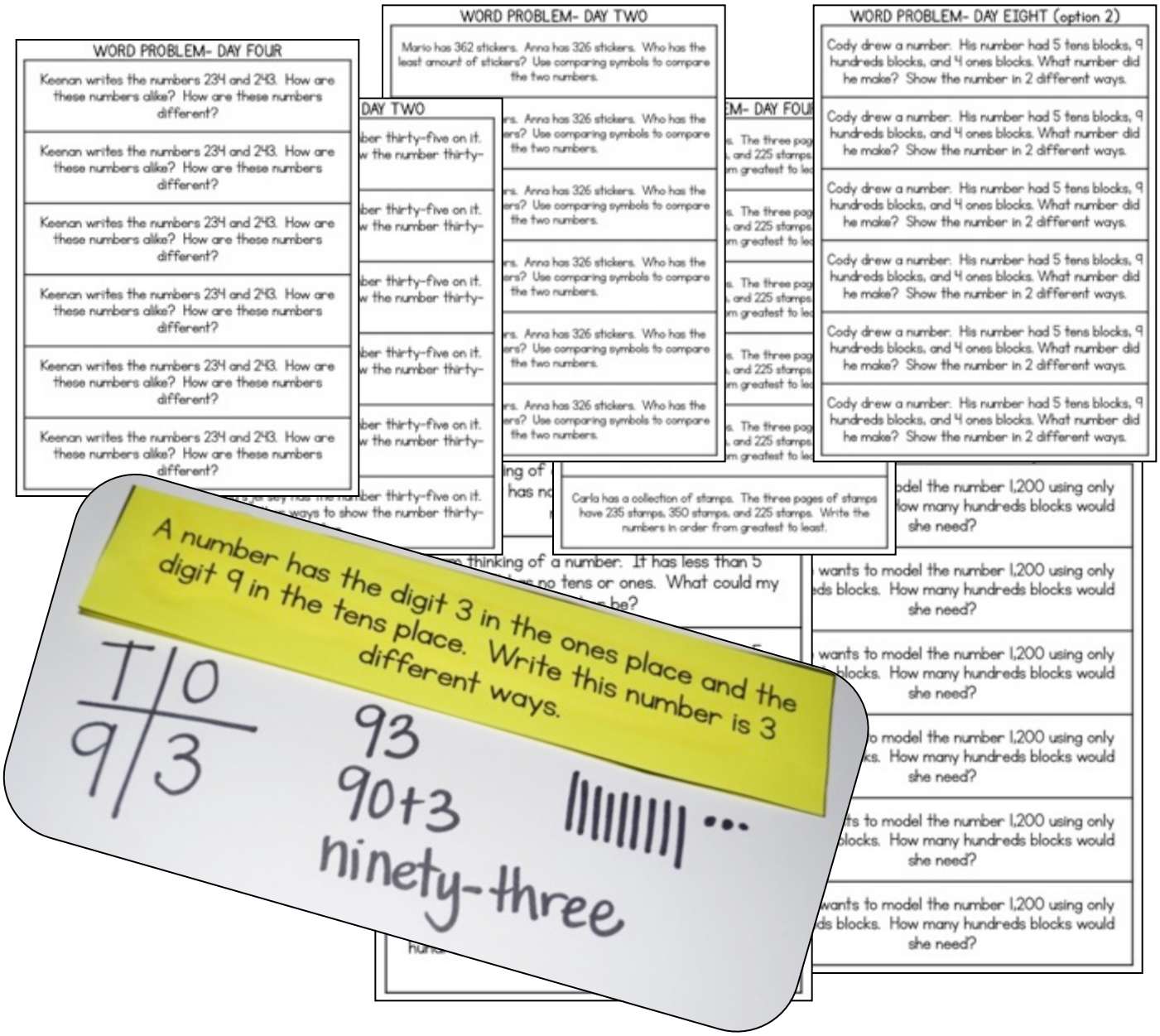
-I Can Statements

-Description of Activities



DAILY WORD PROBLEMS

20 Word Problems that fit the skills included



QUICK ASSESSMENTS

Weekly Assessments

WEEK ONE:

intro

to

numbers

DAY ONE

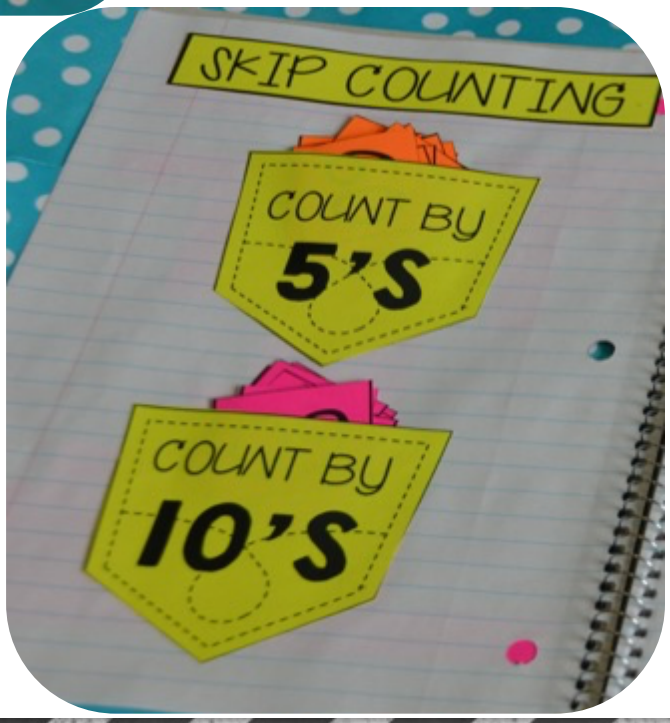
Discovery Lesson:
Pattern Hunt on
the Hundreds

Activity:
Building Blocks
to 100 (Groups
of 3 students-
need dice)

Interactive Notebooks:
Puzzled to Pieces

DAY TWO

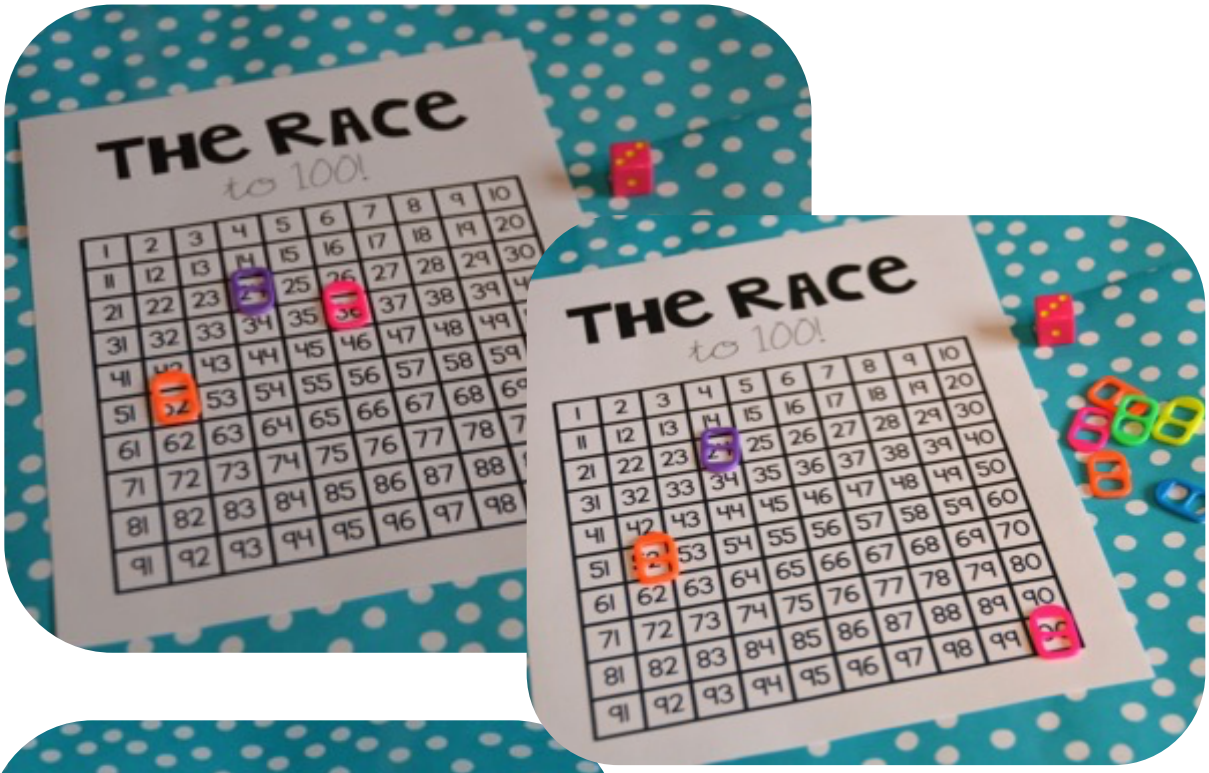
Activity:
Bugging Out with 5's and 10's

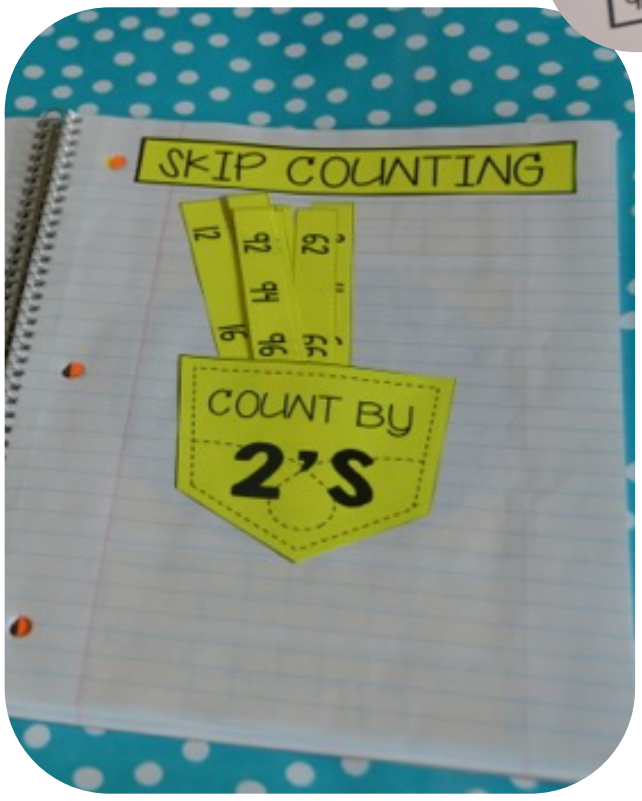


Interactive Notebooks:
Skip Counting Puzzles

DAY THREE

Activity: Race to 100





Interactive Notebook: Skip Counting By 2's Strips

DAY FOUR

Minilesson:
M"odd"ster or Even?
Make these to display

Minilesson:
Odd and Even Tens Frames (need paint dotters or dot stickers)

Activity:
The M"odd"ster Factory

DAY FOUR

Alternate Activity: M"odd"ster or Even Spin and Build

You may use the monster eyes or puff balls (or any space maker) for this activity.

Interactive Notebooks: Spin and Build

DAY Five

Minilesson:
Monster Walk
(need music)

Activity:
Cookie Monster

WEEK TWO:

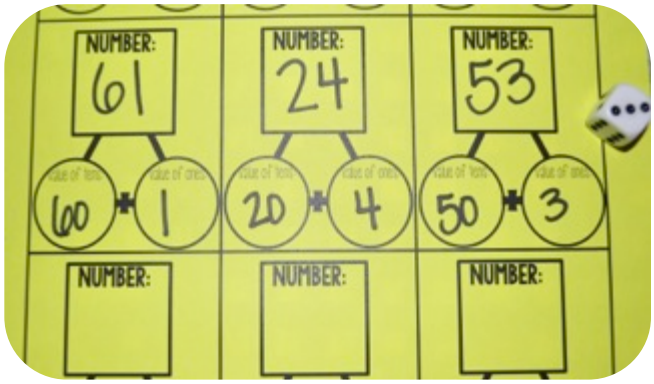
place value

to

999

DAY ONE

Minilesson: Creating numbers with base ten blocks

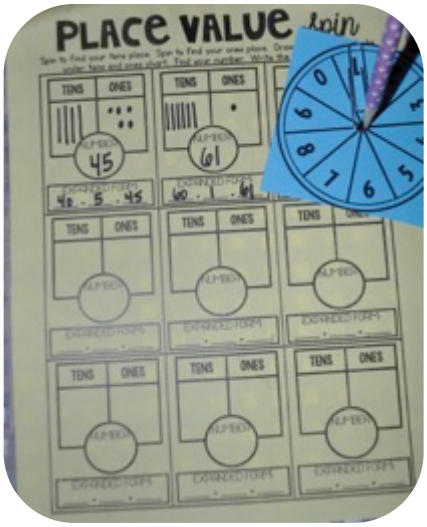


Activity: Place Value Trees with Dice (There are 3 levels for differentiation)

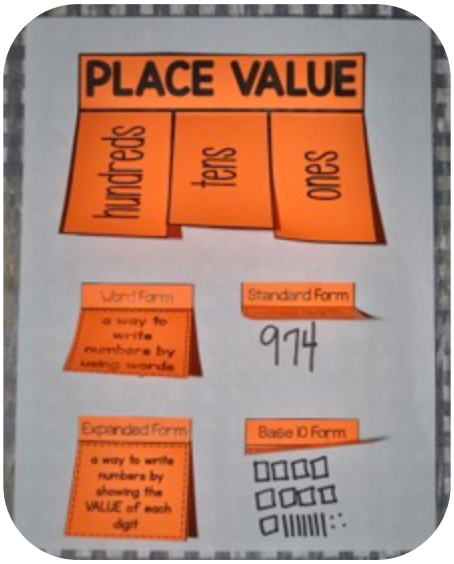
Practice: Place Value Match

DAY TWO

Minilesson: Creating numbers with base ten blocks



Activity: Place Value Spin with 0-9 spinners and paperclips (There are 3 levels for differentiation)



Interactive Notebooks: Place Value Flaps (There are 3 levels for differentiation)

DAY THREE

Minilesson: Building 3 digit numbers

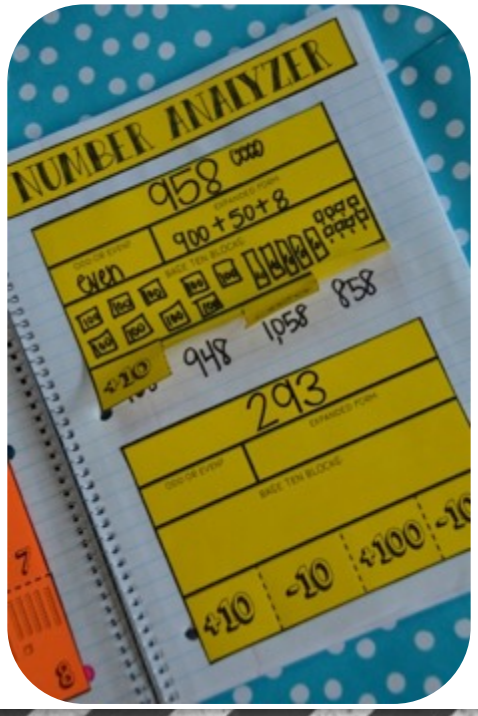
Activity: SWAT It! with spinner, paperclip, swat it mat and something to swat with OR their hand will work! (There are 3 levels for differentiation)

Interactive Notebooks: The Count is On! (2 levels for differentiation)

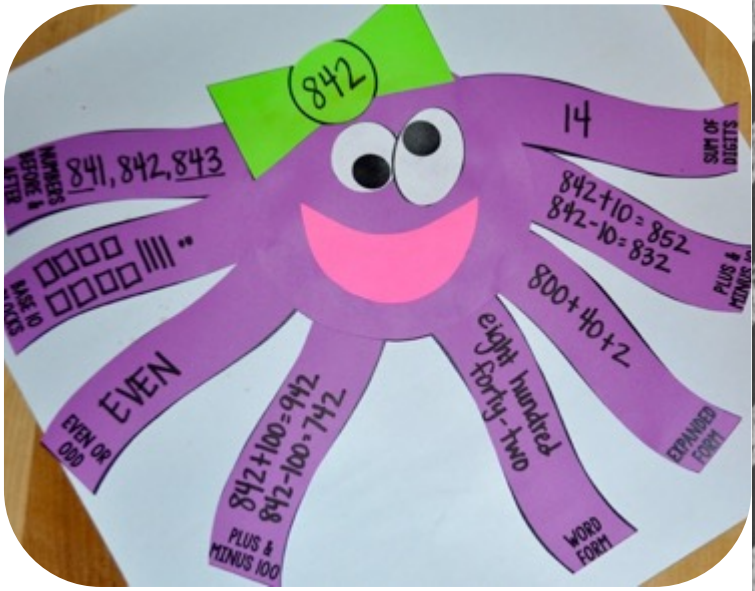
DAY FOUR

Minilesson: Place Value Display- put this up above your board or door to display throughout the year. Review the place value of digits while talking about plus/minus 10 & 100.

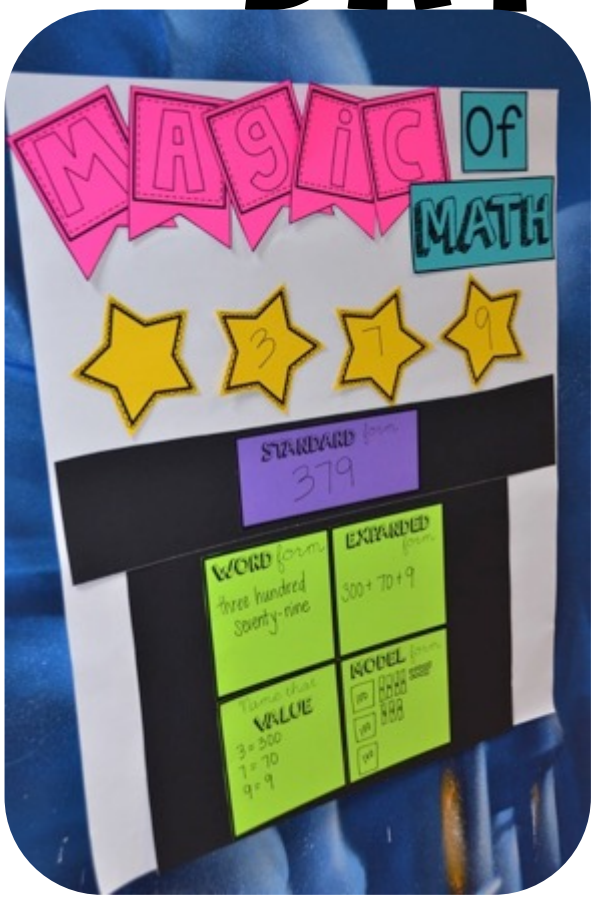
Interactive Notebooks: Number Analyzer (2 levels for differentiation)



Activity: Octopus Fun



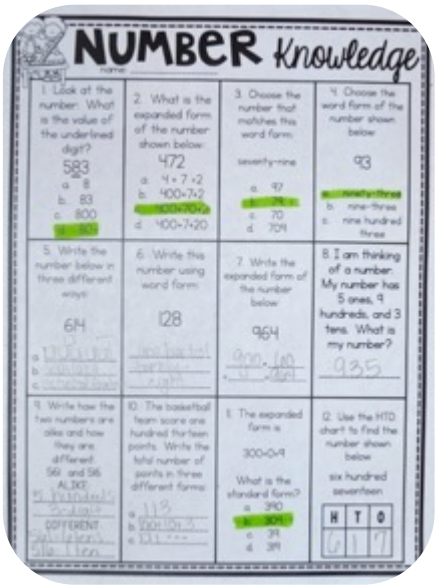
DAY Five



Minilesson: This anchor chart can be used throughout your place value unit. Use it to display different ways to make numbers. If you laminate the chart, it can be used time and time again! Just make a large black hat out of construction paper.

Activity: Place Value Park It! Students need dice and a game board piece.

Assessment: Number Knowledge Quiz of 2 and 3 Digit Numbers



WEEK THREE:

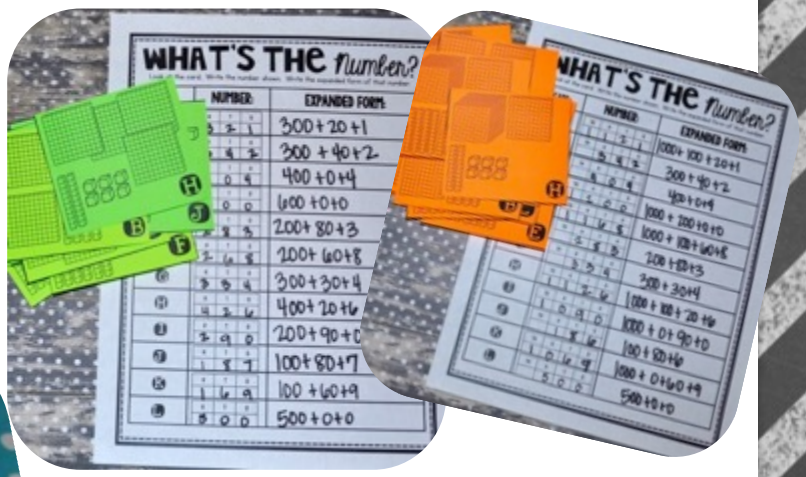
place value

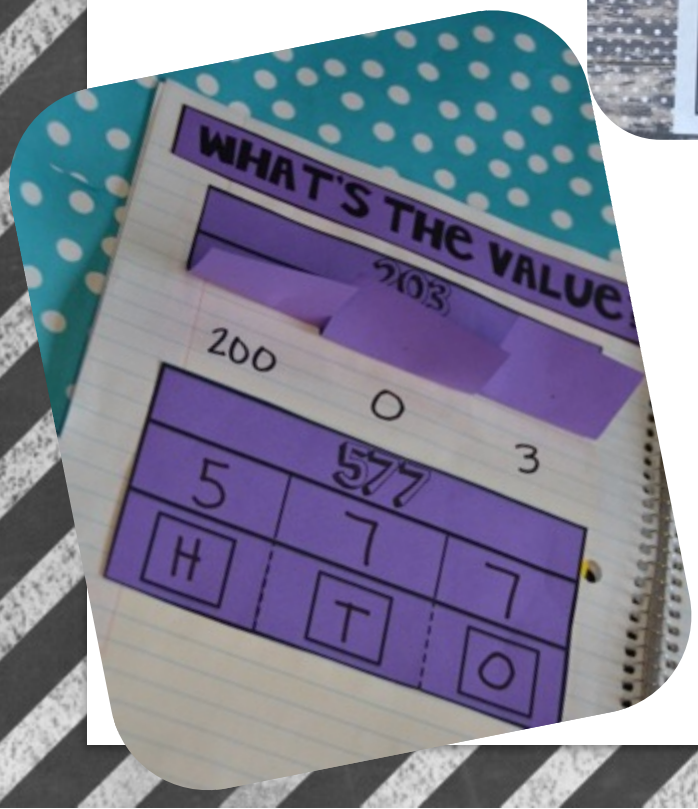
to 999 and/or 1200

DAY SIX

Minilesson: Place Value Mats and Blocks for either 3 or 4 digit numbers

Activity: What's the Number (2 versions included)



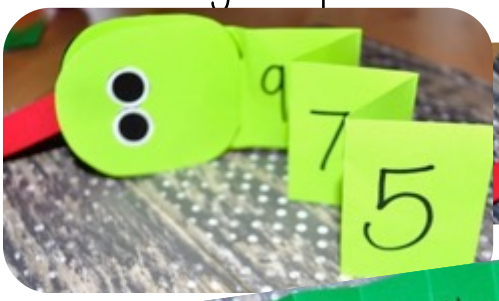


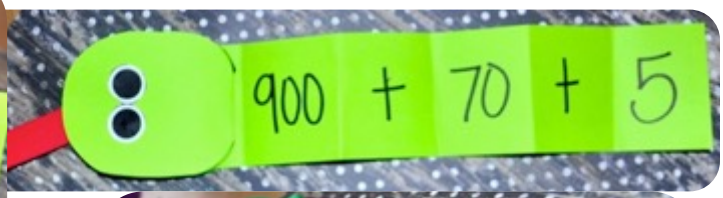
Interactive Notebooks: What's the Value? (2 versions as well as blank templates included)

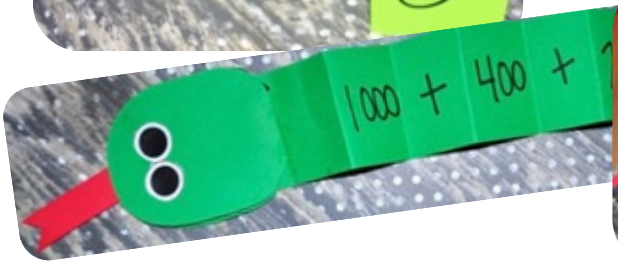
DAY SEVEN

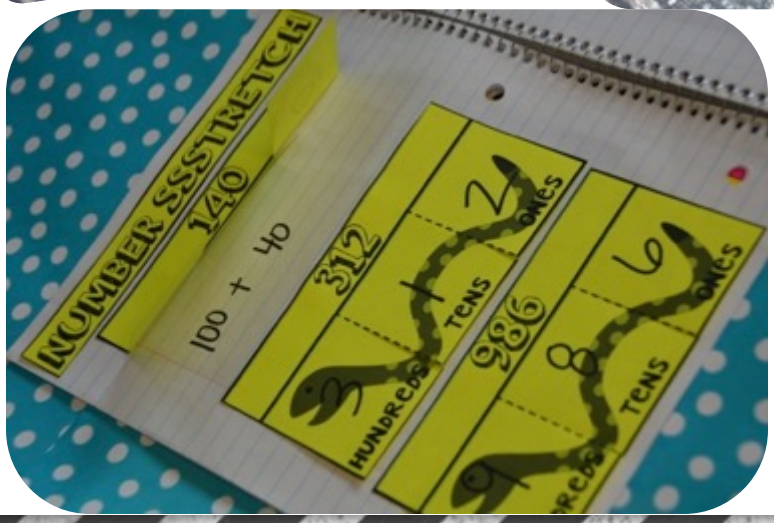
Minilesson: Use this number building chart to construct and deconstruct numbers. You can use the number form or the base ten blocks included in this unit to demonstrate and show the value of each digit.

Activity: Expandable Snake (2 versions included)









Interactive Notebooks: Number Stretch (2 versions for differentiation and blank templates included)

DAY EIGHT

Activity: Pick a Stick!
2 Versions: 3 Digit Numbers and 4 Digit Numbers

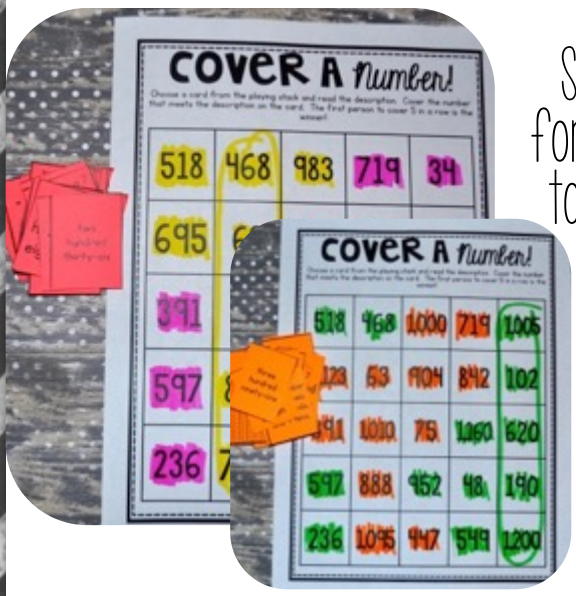
Interactive Notebooks: Odd and Even Flip (2 versions included for differentiation as well as a blank template)

DAY NINE

Activity: Number Munchers- Students Need Place Value Mat(You can also use PV mats from building numbers), Food, and Recording Sheet

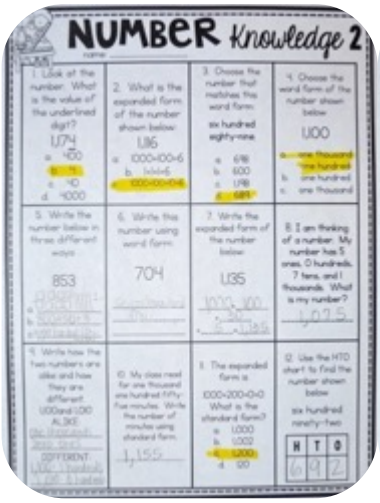
Interactive Notebooks: Place Value Spin

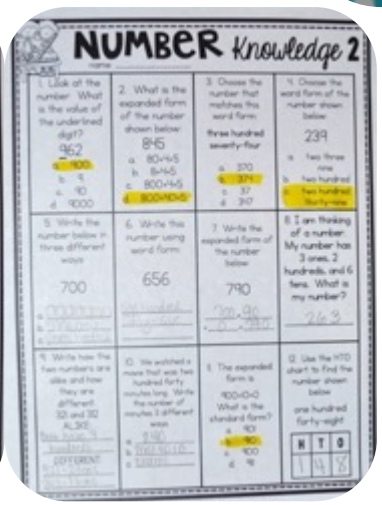
DAY TEN



Minilesson/Activity: Cover a Number- Students need game board (2 versions for differentiation), cards, and something to cover numbers with (counters, game chips, markers, etc)

Activity: Stuff the Pockets





Assessment: Number Knowledge Test 2- Choose between the 3 digit test or the 4 digit test

WEEK ONE:

comparing

and

ordering

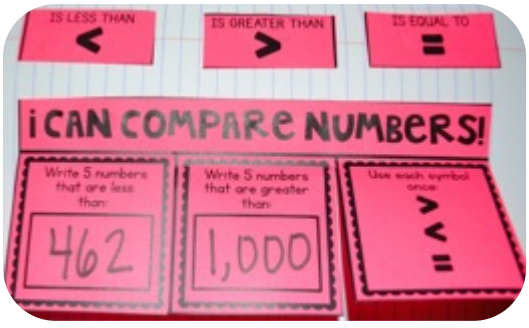
numbers

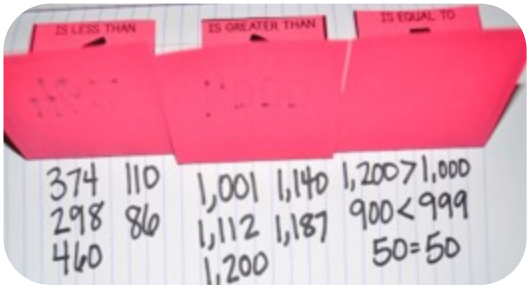
DAY ONE

Minilesson: Comparing Numbers with pocket chart

Activity: Roll and Compare-Students need dice (optional- students also make symbols)

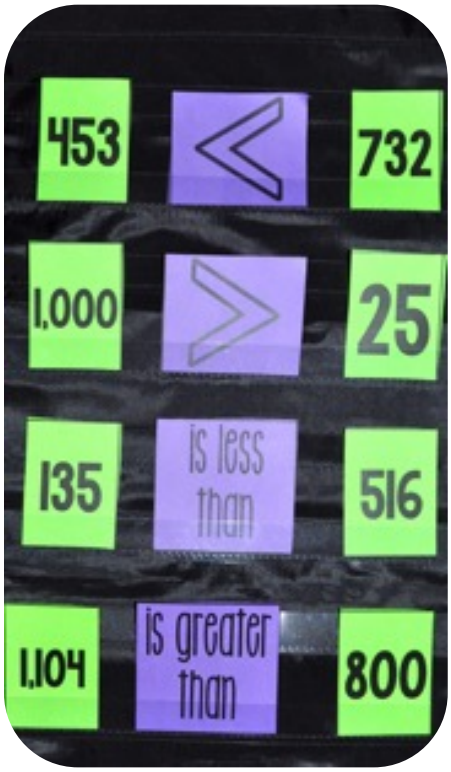
Interactive Notebooks: I can compare numbers- Students can generate their own numbers or you can assign numbers for the outside of the flaps.



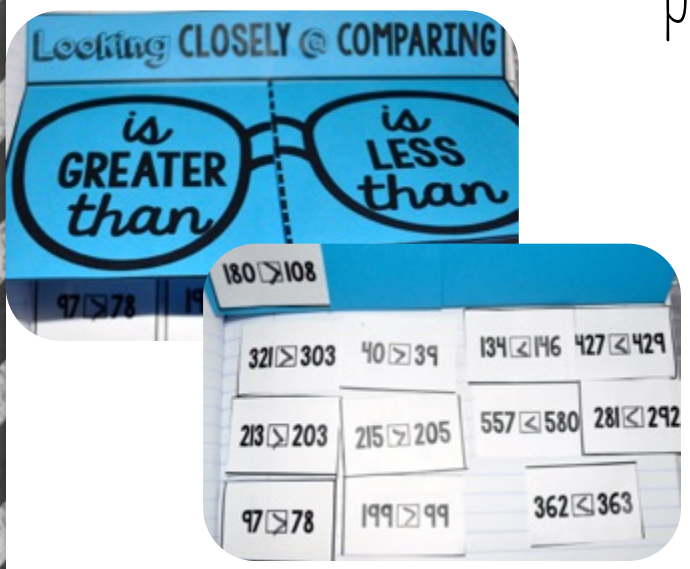


DAY TWO

Minilesson: Comparing and Ordering Numbers



Activity: Compare and Cover- Students need a paperclip and markers



Interactive Notebooks: Looking Closely at Comparing

DAY THREE

Minilesson: Ordering numbers from least to greatest- need clothespins and yarn

Activity: Deal It! This can be done with or without the Deal It! Mats. You can use playing card or print number cards from the Place Value Components PDF.

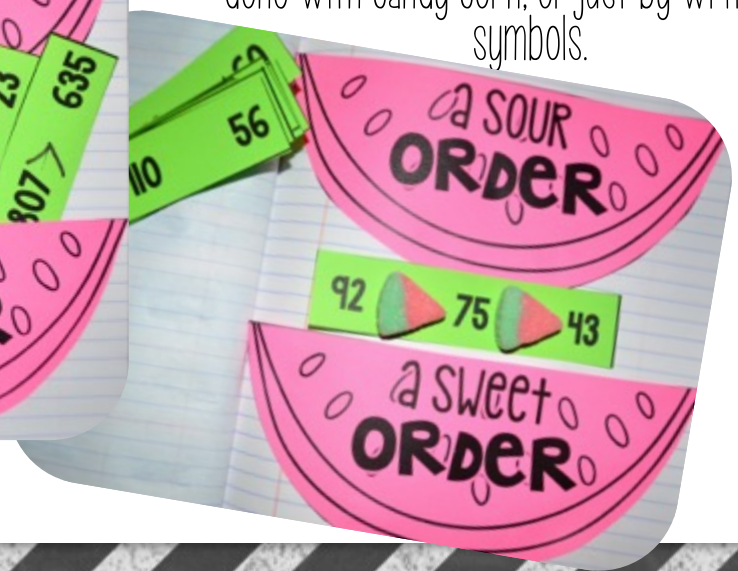
Interactive Notebooks:
Order Up! You can use the printable or colored paper to make ice cream cones.

DAY FOUR

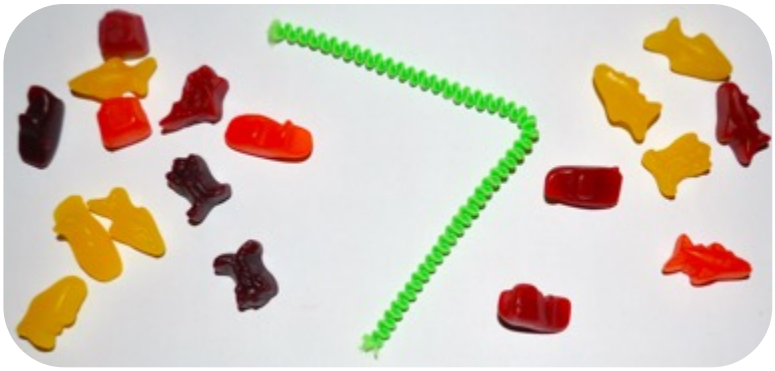
Minilesson: Ordering Numbers from greatest to least

Activity: Don't be a snail! Order Numbers in a Snap! This can be done with any number and any skip counting pattern for differentiation.

Interactive Notebooks: Students can use watermelon candy to see if the numbers are in order from greatest to least. This can also be done with candy corn, or just by writing the symbols.

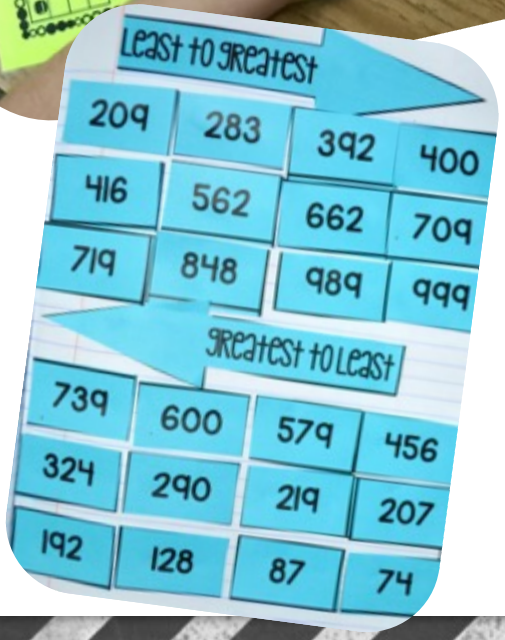


DAY Five



Minilesson: Comparing Numbers with snacks and pipe cleaners

Activity: It's War! Students need dice and game pieces. If the board is laminated, students can play time and time again!



Interactive Notebooks: Students order numbers from least to greatest and greatest to least.

MINILESSONS

-Ideas and materials on how to teach the concepts

-Easy to print and prep

FUN ACTIVITIES

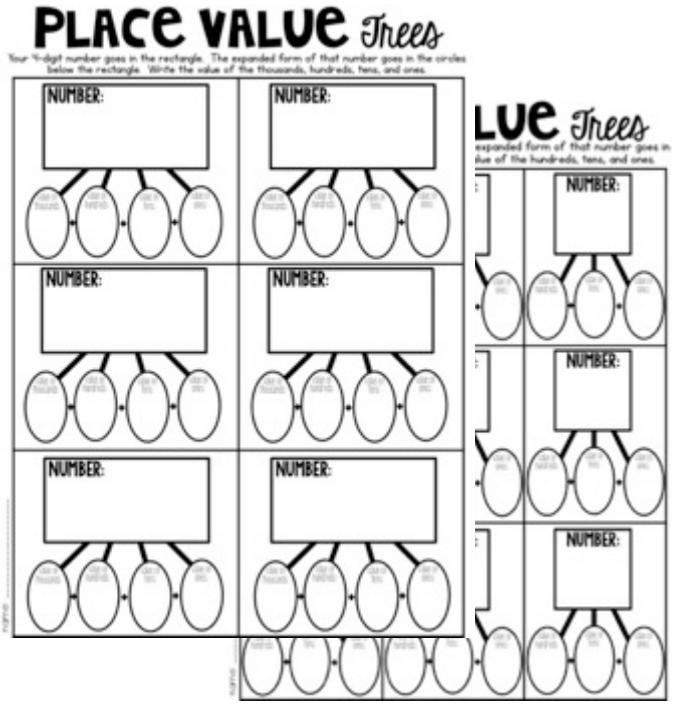
Easy to Print Activities, Games, and Fun Stuff that help students stay engaged during your math block

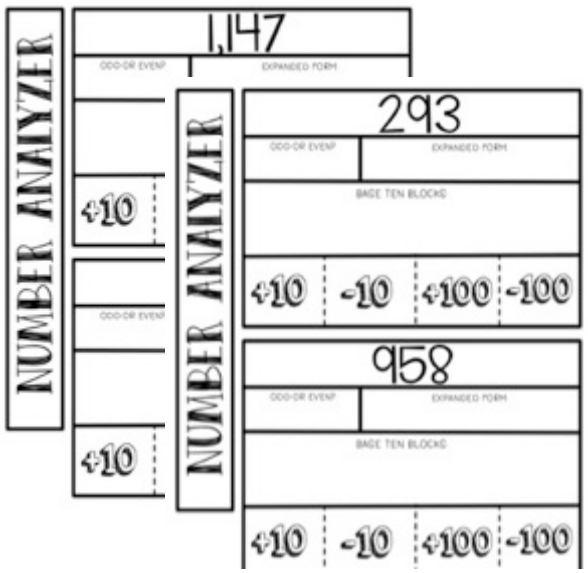
INTERACTIVE NOTEBOOKS

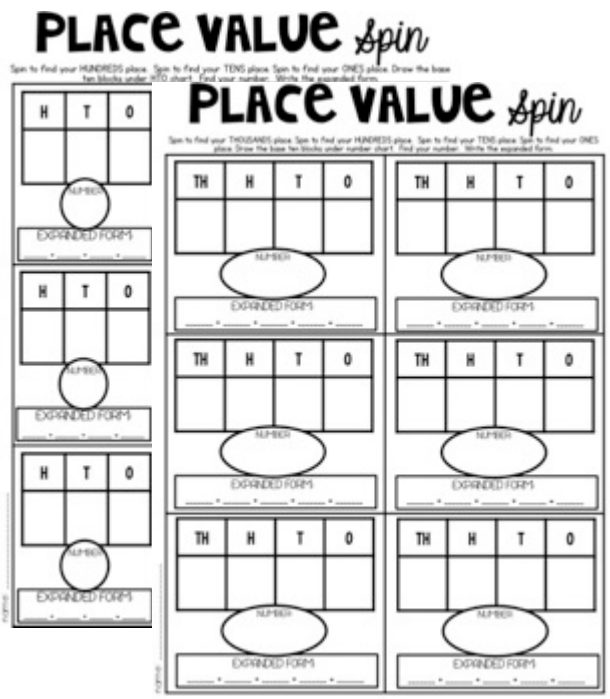
Activities that are easy to cut and glue into math spirals/interactive notebooks

DIFFERENTIATED ACTIVITIES

Ideas and printables that meet all of your learners

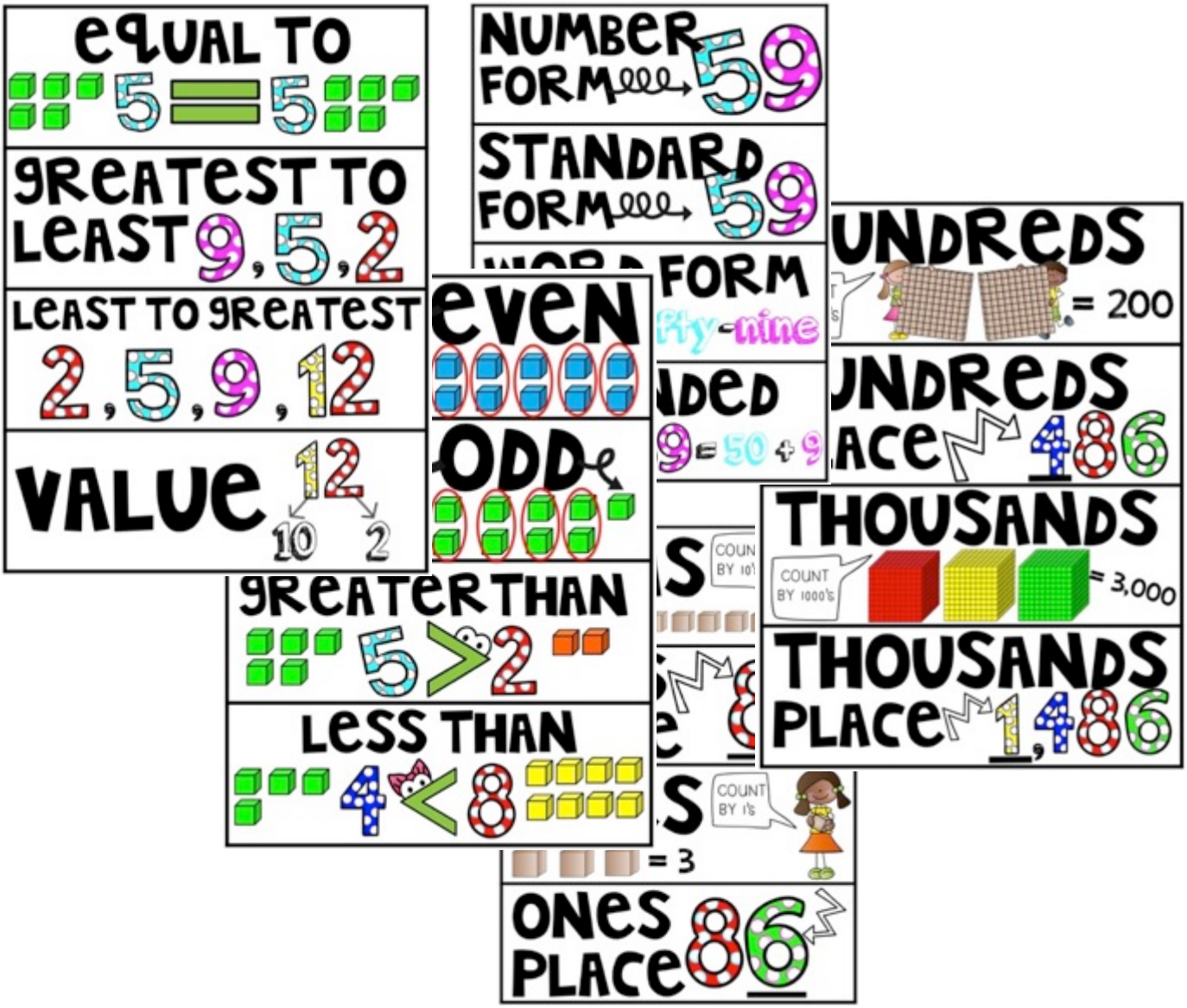






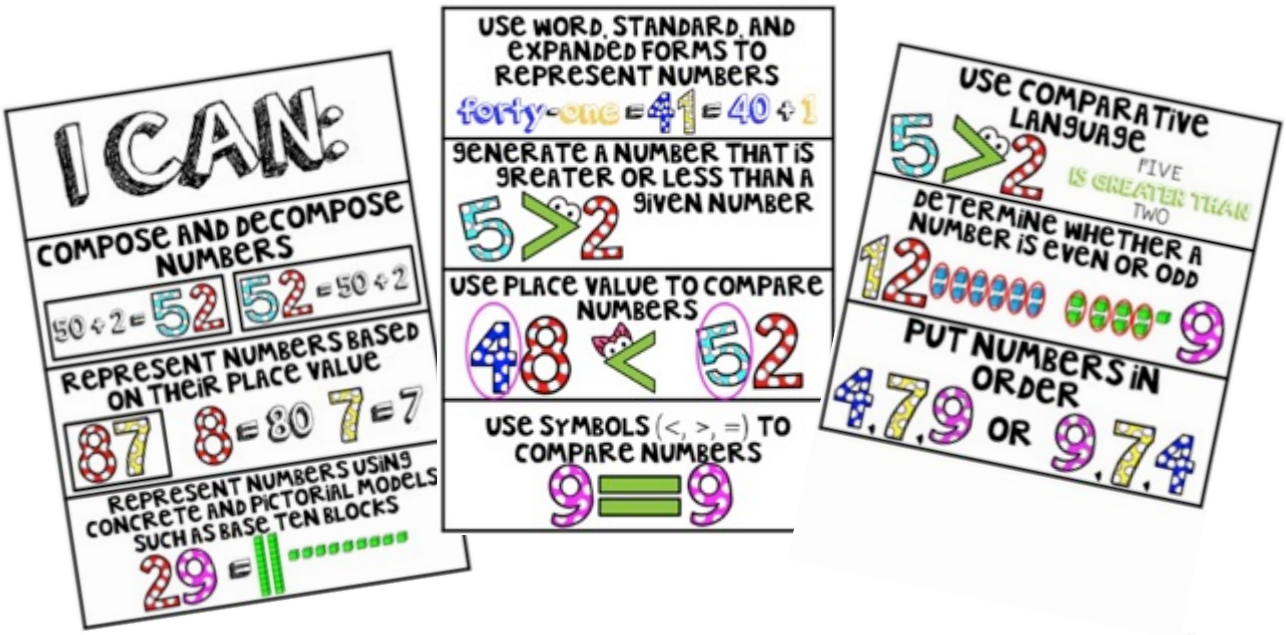
VOCABULARY CARDS

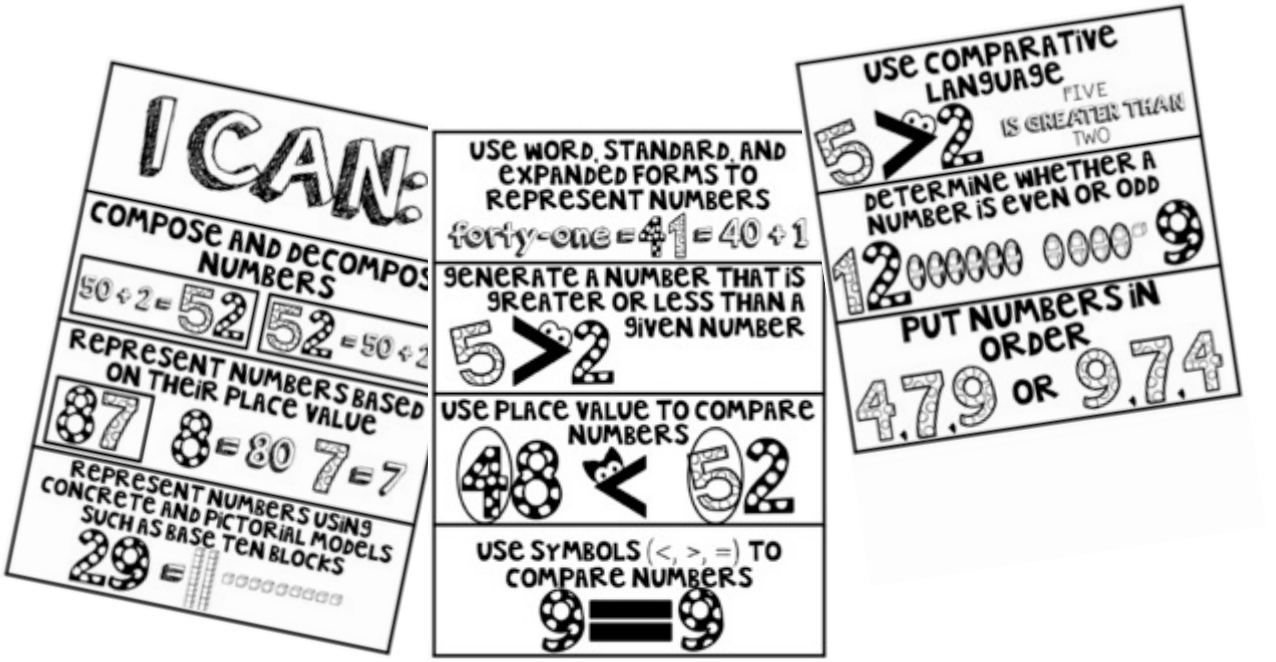
Cards that you can display on a math word wall or bulletin board



I CAN STATEMENTS

I Can Statements can be displayed throughout the unit.





MATH TOOLS

Printable Manipulatives that you can use for making numbers