

Valentine's
DAY

Digit Values!

♥ For Grades 1-3 ♥

Tiered Math Tub

by: yvonne dixon

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NUMBERS AND OPERATIONS IN BASE TEN

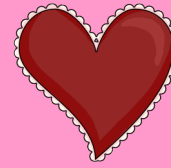
Differentiation occurs when teachers customize instruction and activities to meet the needs of students so all can master grade level standards. Lessons are designed based on what students already know determined through pretests or teacher observation. Tiered Math Tubs offer opportunities for you to differentiate in a math center/tub situation or small group. Use the pretest to determine which tiered activity each student should complete.

Tier 1 is designed based on First Grade skill levels for Base Ten understanding of number values to 100. Tier 2 is based on Second Grade skill levels for Base Ten understanding of number values to 1,000. Tier 3 is leveled for Base Ten understanding of number values to 10,000.

Information on the teaching instructions helps you and your students know which tier to circle and complete. Students can work independently in a center or with you in small group. Show the EQ card prior to giving the pretest so students know the expectations of the Math Tub Activity.



COMMON CORE Skills



the activities in this packet are designed to help students...

understand that the digits in a number represent values such as ones, tens, hundreds or thousands. They must know that our number system is set up on a "Base Ten" concept and that ten ones is the same as "one ten".

This math tub is tiered according to the Common Core Standards for grades 1-3. The pretest determines which tiered activity each student should complete based on individual student levels.

Math TUB FOCUS

- Tier 1: Base ten understanding of numbers to... 100
- Tier 2: Base ten understanding of numbers to... 1,000
- Tier 3: Base ten understanding of numbers to... 10,000

Math Tub Contents

Numbers and Operations in Base Ten



"ESSENTIAL QUESTION" EQ POSTER: Kid friendly question for the focus of the skills/tub activities.

MATH TUB PRETEST: Students take the pretest to determine the tiered activity designed to meet their individual skill level needs. The teacher checks to determine which Math Tub Tier to complete.

MATH TUB TASK CARD: Instructions for all three tiered activities to place in math tubs or bags.

TEACHER INSTRUCTIONS FOR ACTIVITY: Teacher instructions on how to use each tiered math tub activity.

DIFFERENTIATED MATH TUB ACTIVITIES: Three tiered/leveled sets of tub matching cards for Tiers 1, 2, and 3. Each card has a picture to represent the tier.

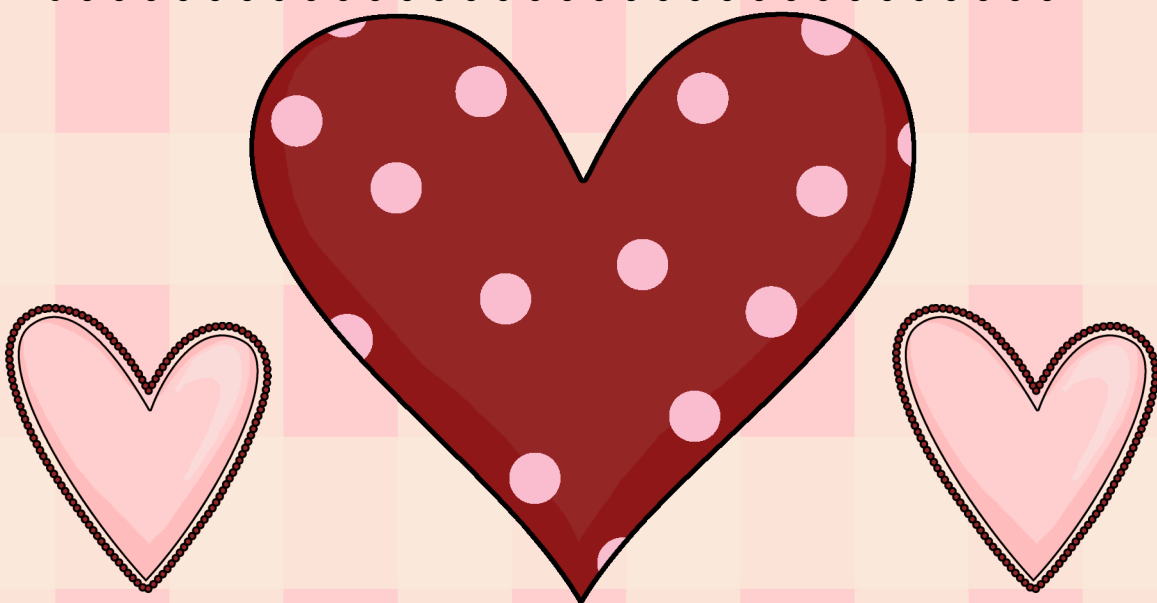
STUDENT RECORDING FORM: Answer sheet for students to record answers to math tub activities.





Essential Question

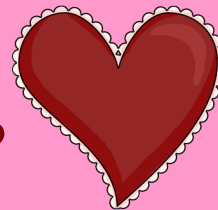
**How Does the
Position of a
Digit in a Number
Affect its Value?**



valentine's Day



"Digit Values!"



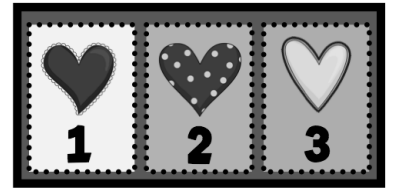
TASK CARD

1. Look at the numbers on the Valentine's Day Cards.
2. Look for the digit that is underlined in each number.
3. Look for the number tickets that match that the values of each underlined digit.
4. Record your values on your answer sheet.





Valentine's
DAY
Digit Values
Pretest



(Circle your tier)

NAME: _____

Write the values of the underlined digits below.

Leveling Key: Students must get at least 3/4 correct before they can advance to the next tier.

1.
56

2.
84

3.
95

4.
63



 /4
correct

5.
495

6.
237

7.
796

8.
938



 /4
correct

9.
1,246

10.
5,831

11.
9,871

12.
9,197

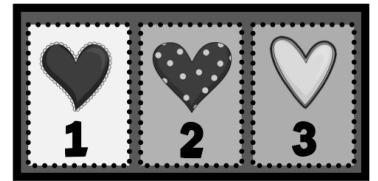


 /4
correct

Leveling Key: Students must get at least 3/4 correct before they can advance to the next tier.



Valentine's
DAY
Digit Values



(Circle your tier)

NAME: _____

Write the numbers on the Valentine's Heart cards in the boxes. Look for the digit that is underlined in each number. Look for the number ticket that matches the value of each underlined digit. Write the value of the underlined digit below each box.

1.

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2.

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3.

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4.

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5.

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6.

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7.

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8.

--

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9.

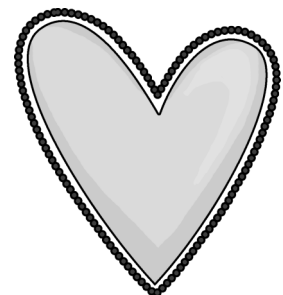
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10.

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teaching instructions

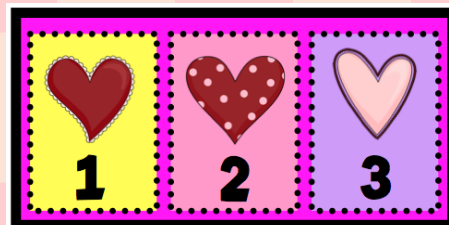


Use the pretest to determine what each student already knows about...

"HOW the POSITION OF a DIGIT in a NUMBER affects its VALUE."

A student must score 3 out of 4 correct or better in order to be on a tier. You have three tiers for this math tub: (Tier 1, Tier 2, and Tier 3).

A student circles the tier he/she is on based from information given on the pretest.



You will notice these pictures on the Math Tub Cards. These will help you keep your math tub organized for future use and storage. Place the "task card" in a basket or "tub". Make copies of student recording forms. Cut out the activity cards and place in bags according to tiers. Place all three bags in the tub along with the recording forms for students to use. Students will follow the instructions on the task card and record their answers on the recording form.

1

67



1

2

84



1

3

29



1

4

57



1

5

39



1

6

78



1

7

98



1

8

24



1

9

39



1

10

49



1



80



7



20

1

This card features the number 20 in a large black font. It is decorated with three red hearts: one in the top-left corner, one in the bottom-right corner, and one inside a square stamp with a dotted border in the top-right corner. The stamp also contains the number 1.

50

1

This card features the number 50 in a large black font. It is decorated with three red hearts: one in the top-left corner, one in the bottom-right corner, and one inside a square stamp with a dotted border in the top-right corner. The stamp also contains the number 1.

9

1

This card features the number 9 in a large black font. It is decorated with three red hearts: one in the top-left corner, one in the bottom-right corner, and one inside a square stamp with a dotted border in the top-right corner. The stamp also contains the number 1.

8

1

This card features the number 8 in a large black font. It is decorated with three red hearts: one in the top-left corner, one in the bottom-right corner, and one inside a square stamp with a dotted border in the top-right corner. The stamp also contains the number 1.

90

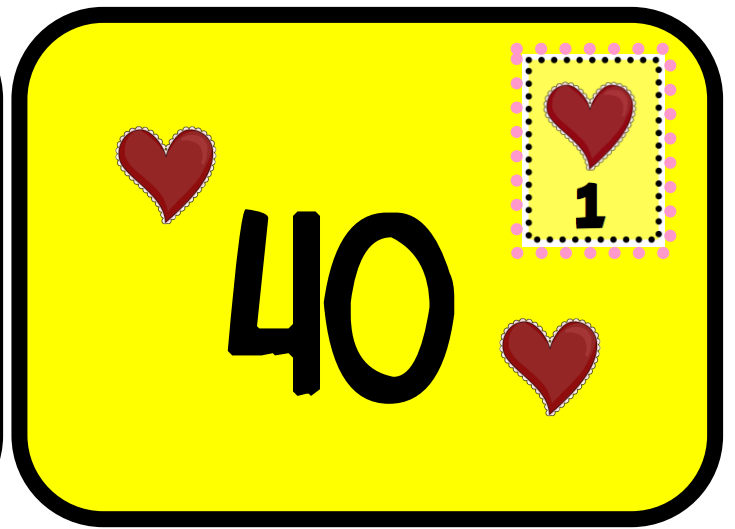
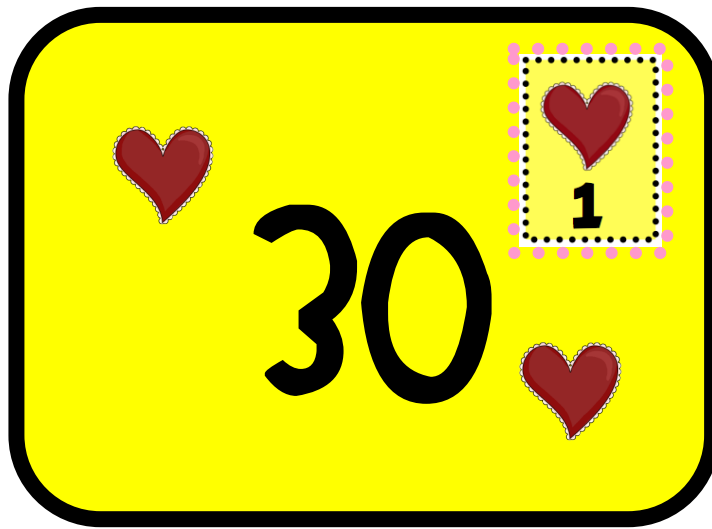
1

This card features the number 90 in a large black font. It is decorated with three red hearts: one in the top-left corner, one in the bottom-right corner, and one inside a square stamp with a dotted border in the top-right corner. The stamp also contains the number 1.

4

1

This card features the number 4 in a large black font. It is decorated with three red hearts: one in the top-left corner, one in the bottom-right corner, and one inside a square stamp with a dotted border in the top-right corner. The stamp also contains the number 1.



Students use these Valentine's Day heart tickets to match digit values on the Valentine's cards. In addition to having tier numbers on them, they are color-coded for easier storage.

1

629



2

2

524



2

3

975



2

4

125



2

5

791



2

6

468



2

7

194



2

8

993



2

9

875



2

10

392



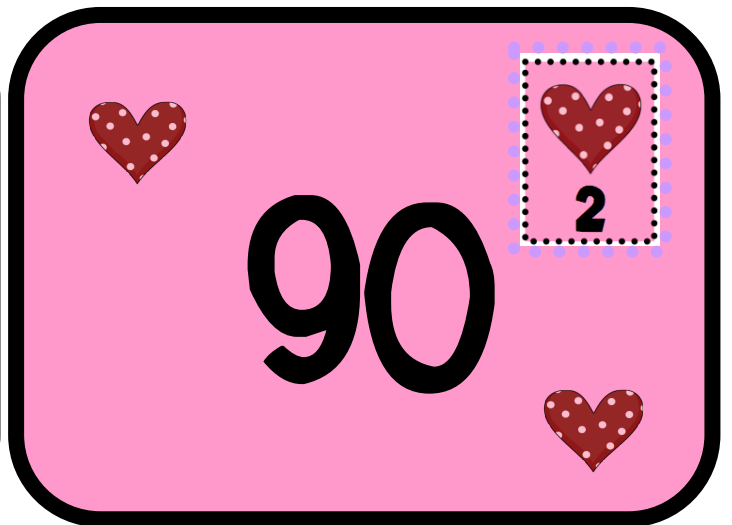
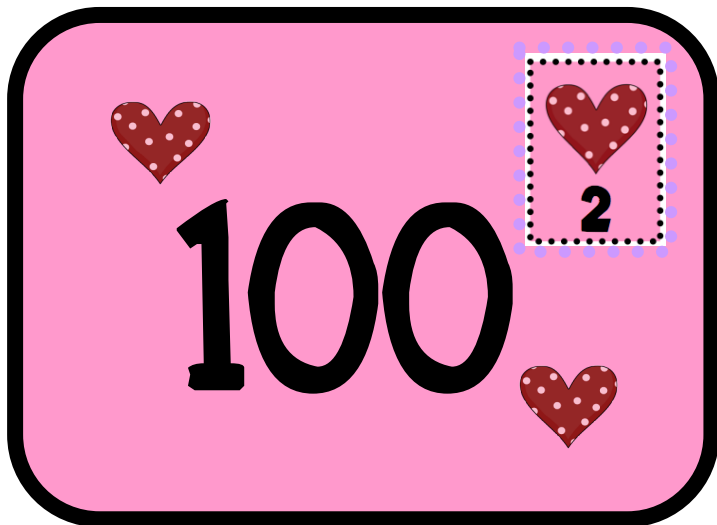
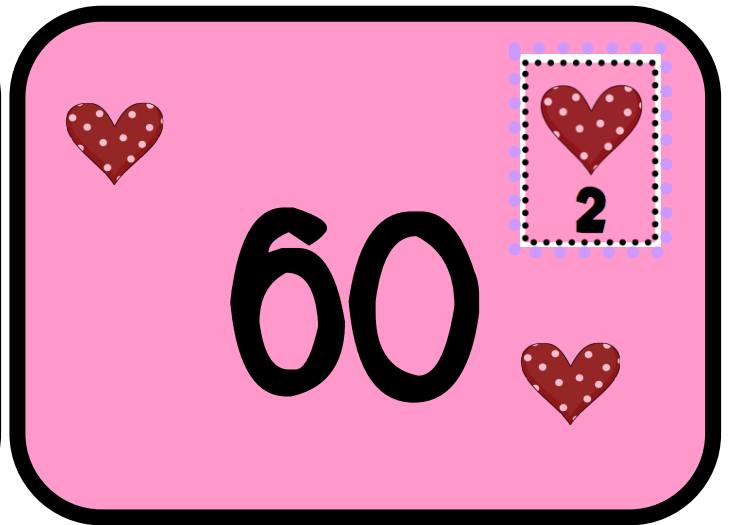
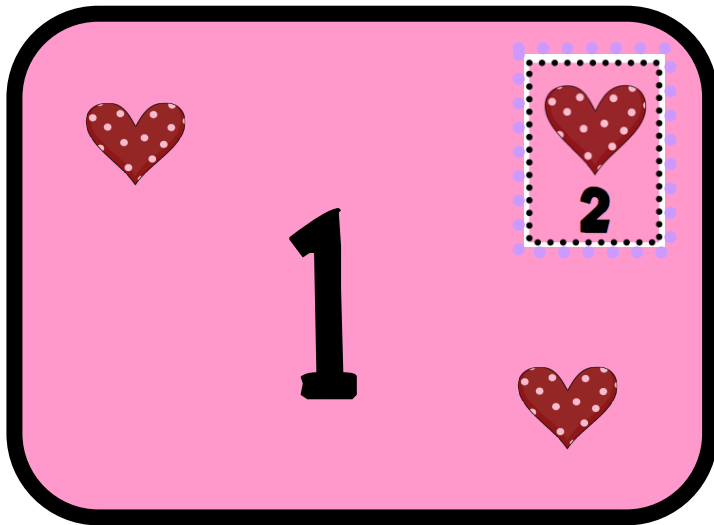
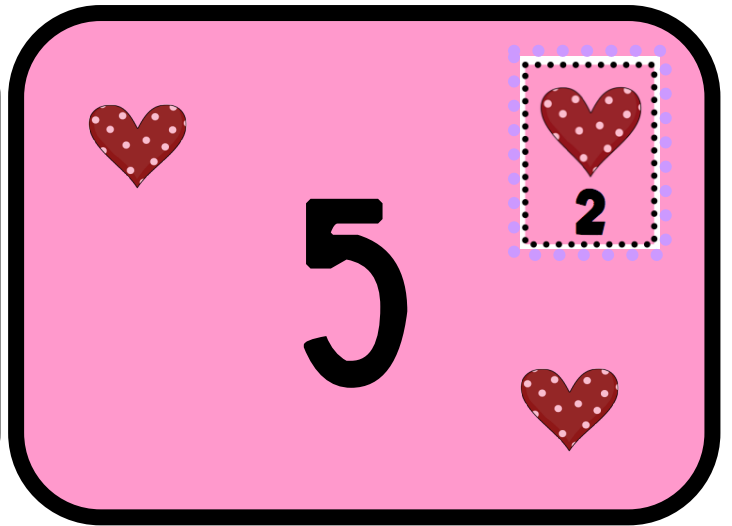
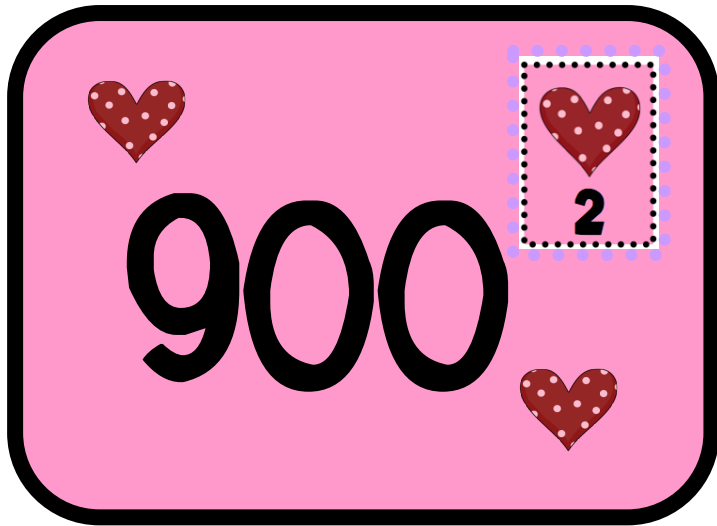
2

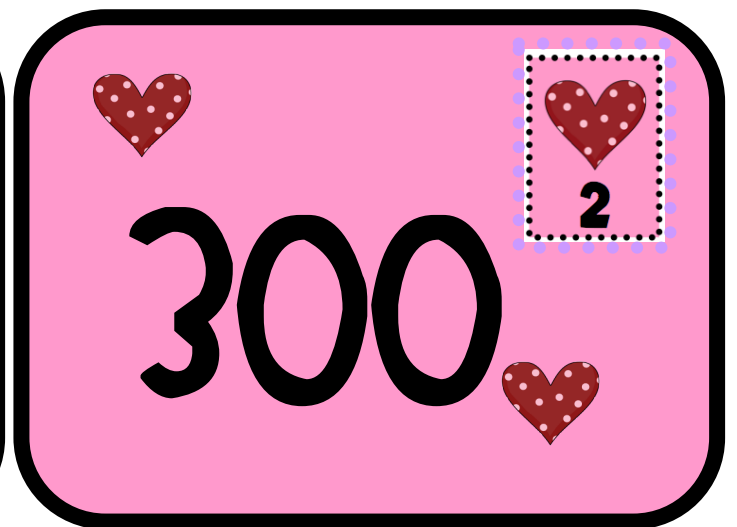
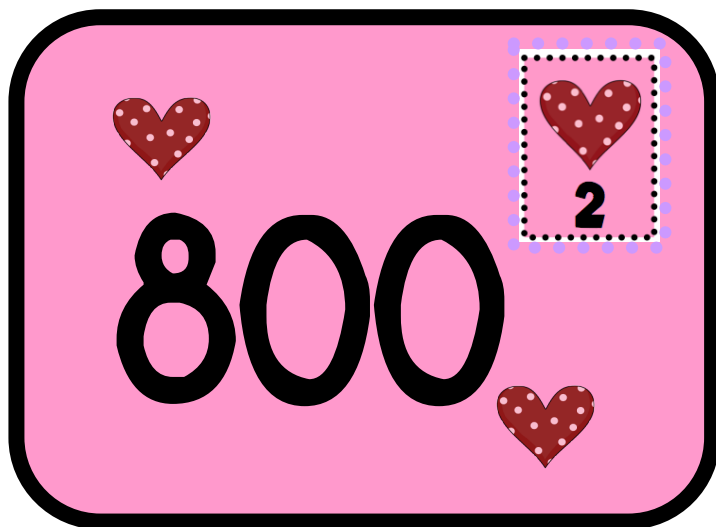
600



20







Students use these Valentine's Day heart tickets to match digit values on the Valentine's cards. In addition to having tier numbers on them, they are color-coded for easier storage.

1

4,528



3

2

9,561



3

3

1,825



3

4

9,976



3

5

1,295



3

6

8,178



3

7

5,273



3

8

9,168



3

9

3,461



3

10

5,950



3



3

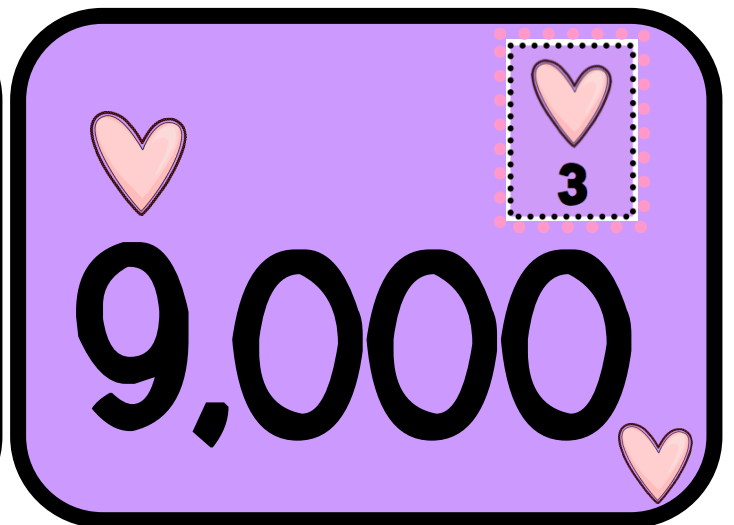
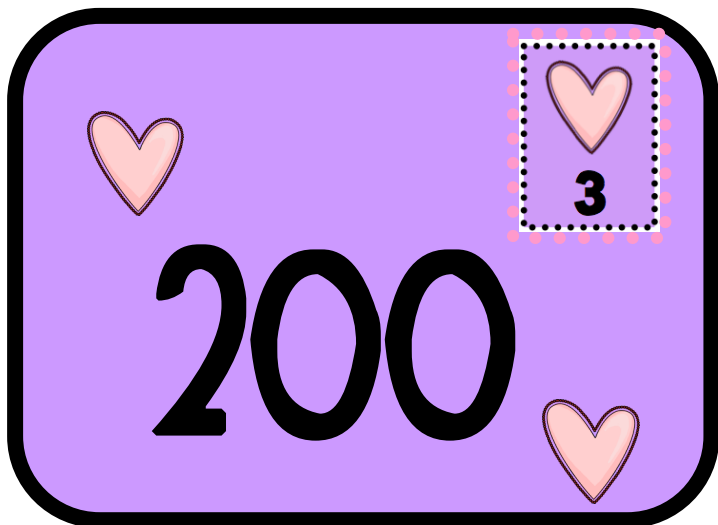
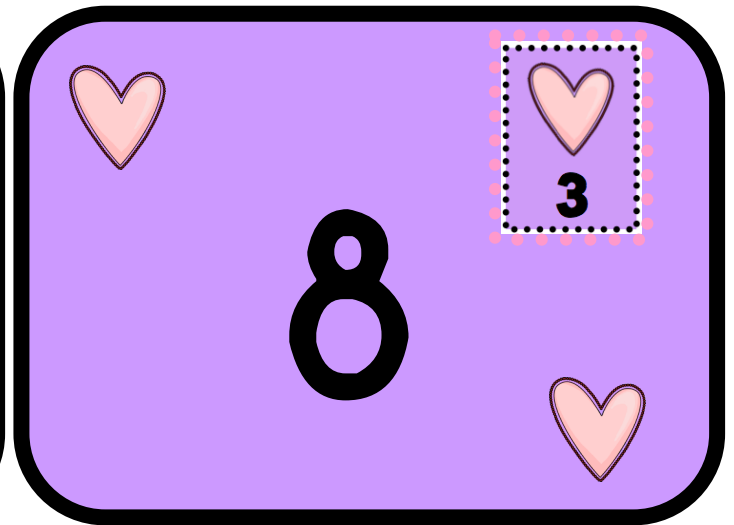
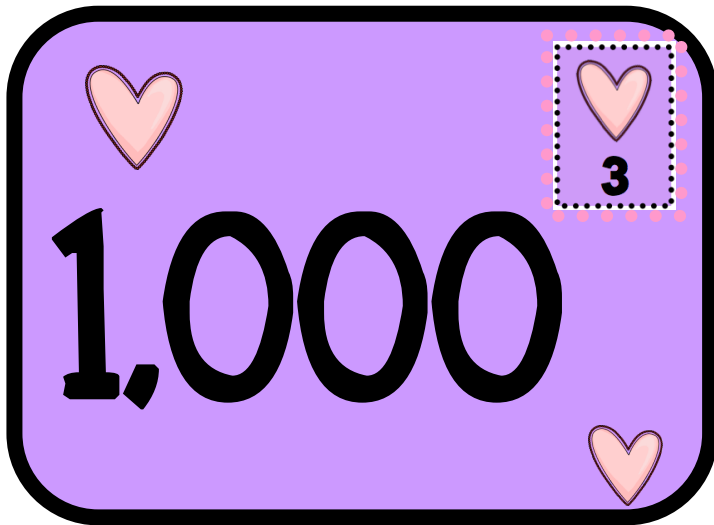
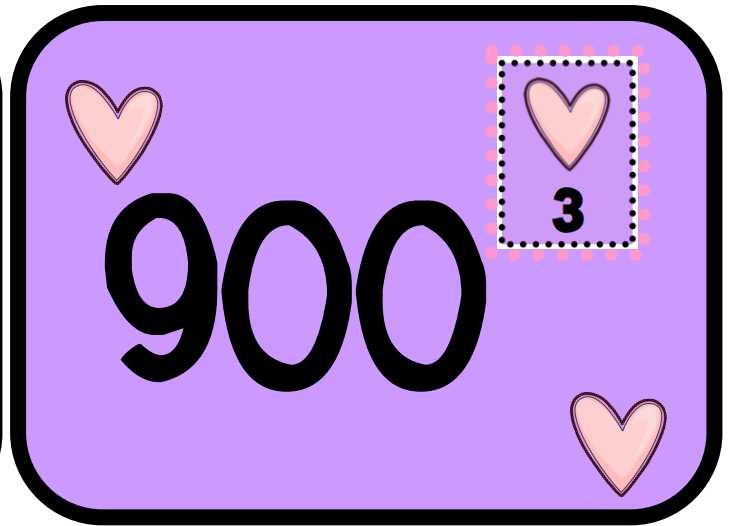
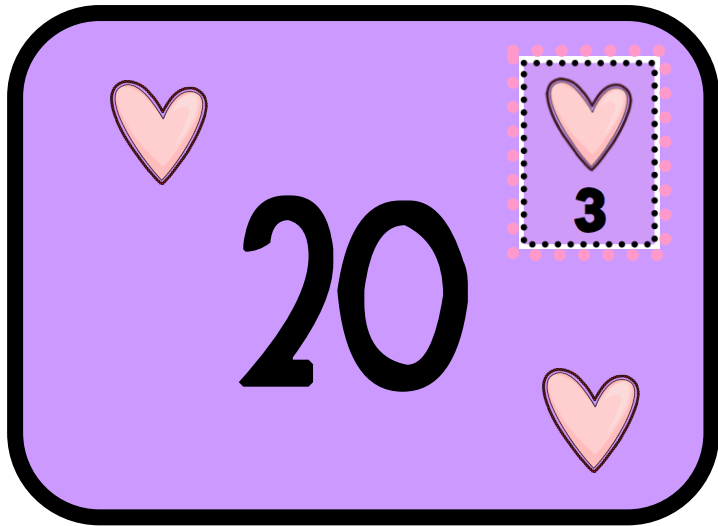
4,000

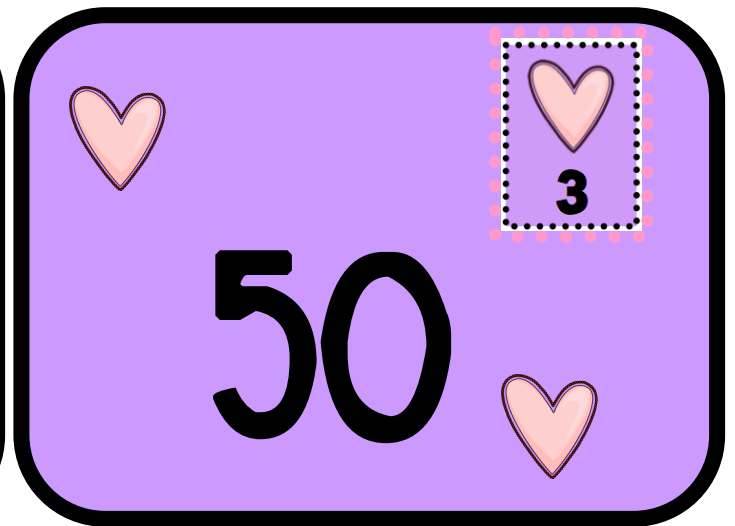
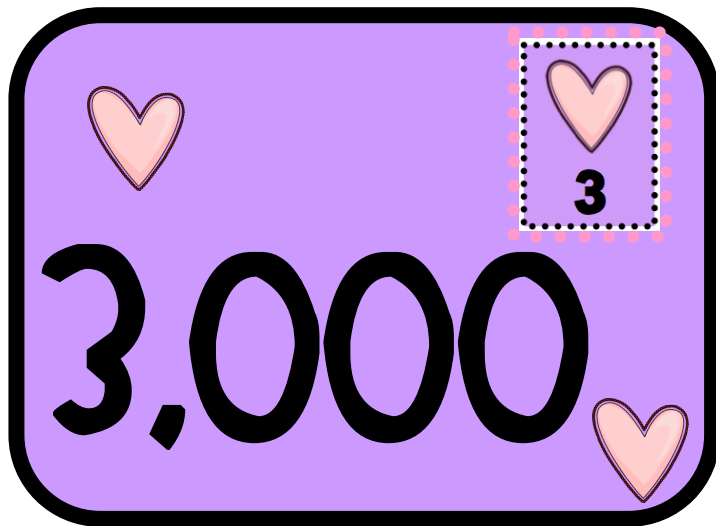


3

60







Students use these Valentine's Day heart tickets to match digit values on the Valentine's cards. In addition to having tier numbers on them, they are color-coded for easier storage.

Thank you for downloading my...



Valentine's Day Digit Values...

Tiered/Leveled Math Tub!
I hope you and your students
enjoy this leveled activity for
differentiation. Please check
below to see my other tiered
tubs posted on my TPT store!
God Bless and Happy
Teaching!—Yvonne Dixon

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Baking... "TIME!"

(For Grades 1-3)
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Spending Money

Tiered Math Tub
 1st-3rd Grades

"Let's Go Shopping!"

Sassy Cat Shopping Spree!

By: **Yvonne Dixon**

BASKETBALL

Tiered Math Tubs

NUMBER ORDER

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 (K-2)

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FOOTBALL

NUMBER ORDER

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TENNIS

"time"

Tiered Math Tub

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Winter Wonderland

Word Problems!

For Grades **K-2**

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Turkey Time!

(For Grades 1-3)
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RUDOLPH ROUNDTIME!

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snowman number sequence

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SOCCER

equation sort

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BASEBALL

base ten

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Greater Than / Less Than

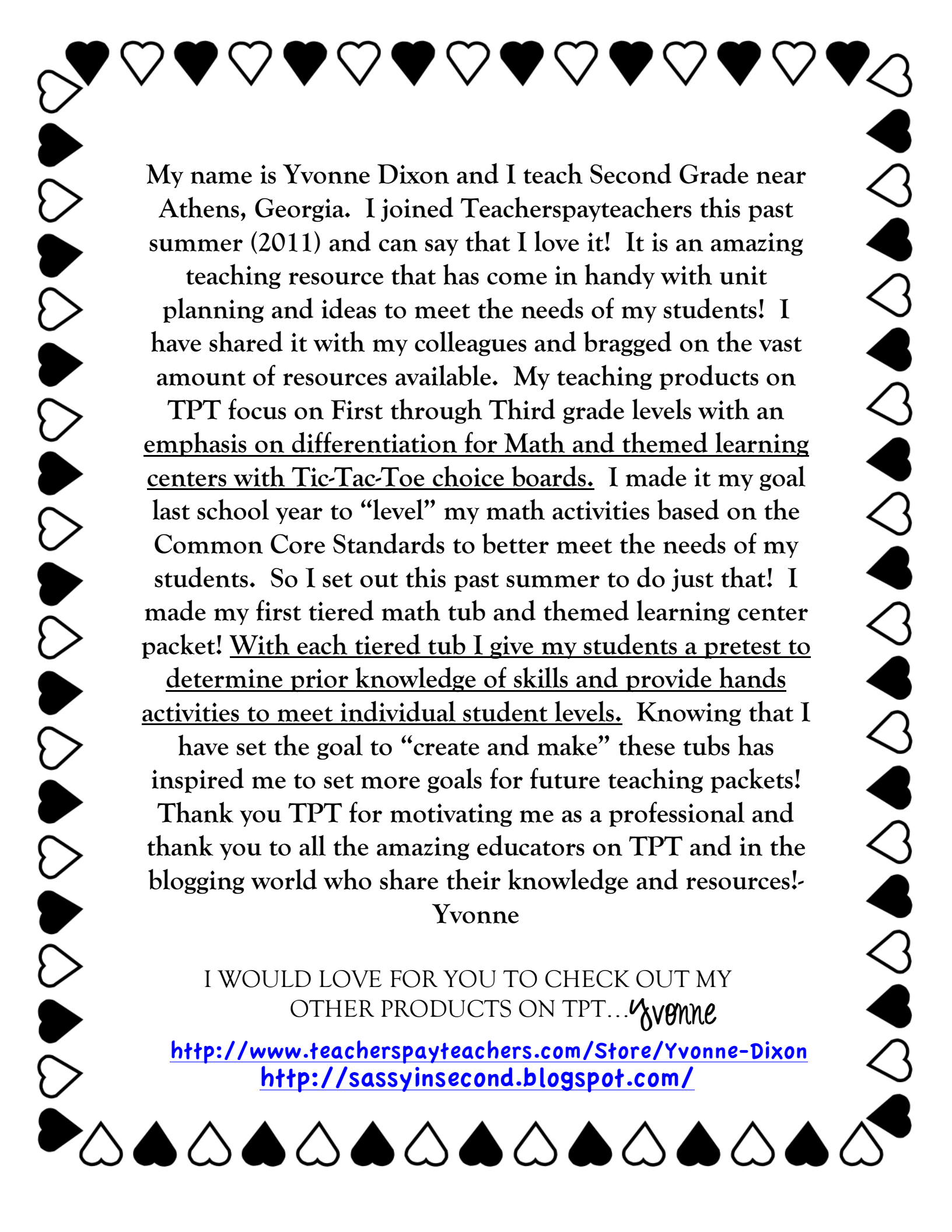
Fall Bear Fun!

(K-2)
Tiered Math Tub

By: **Yvonne Dixon**
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<http://sassyinsecond.blogspot.com/>



My name is Yvonne Dixon and I teach Second Grade near Athens, Georgia. I joined Teacherspayteachers this past summer (2011) and can say that I love it! It is an amazing teaching resource that has come in handy with unit planning and ideas to meet the needs of my students! I have shared it with my colleagues and bragged on the vast amount of resources available. My teaching products on TPT focus on First through Third grade levels with an emphasis on differentiation for Math and themed learning centers with Tic-Tac-Toe choice boards. I made it my goal last school year to “level” my math activities based on the Common Core Standards to better meet the needs of my students. So I set out this past summer to do just that! I made my first tiered math tub and themed learning center packet! With each tiered tub I give my students a pretest to determine prior knowledge of skills and provide hands activities to meet individual student levels. Knowing that I have set the goal to “create and make” these tubs has inspired me to set more goals for future teaching packets! Thank you TPT for motivating me as a professional and thank you to all the amazing educators on TPT and in the blogging world who share their knowledge and resources!-

Yvonne

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