## BA/PASS Correlation: 2.1d, 5.NBT.1, 5.NBT.2,5.NBT. 3

5E Lesson Model:

1. Engage
2. Explore
3. Explain
4. Elaborate
5. Evaluate

Please label daily how you are using the 5E Model. (You may use the numbers to help label the steps being used.)

Methods of assessment used:
Classwork/Homework and Formal Assessment

Percentage of estimated instruction/learning time weekly:

20 \% Direct Instruction/Whole
10\% Small Group Instruction
$15 \%$ Cooperative Learning
15\% Individual
25\% Worksheet Based

## Blooms Taxonomy Levels Targeted: All

## Differentiated Learning: <br> Auditory Visual/Spatial Kinesthetic Logical/Math Verbal/Linguistic Musical Naturalistic Interpersonal Intrapersonal

Thinking Maps Implemented:
T-Chart (Arrays and Factor Towers)

## Weekly Lesson Plaps <br> Week of: 21-25, 2015

## Teacher Name :J. Duvall

Grade Level: $\quad 5$ Title/Unit: Division with Base-10 Blocks, Exploring Multiplication and Division Word Problem, Introduction of Factors and Multiples

Mon: (1,2,3,4)

- Stretch Question in Spirals
- Review Division (short and long)
- Introduce Dividing with Base-10 blocks
- Adding and Subtracting with Base 10 Blocks (including decimals)Review from Friday
Students will complete the following division problems using standard algorithm and modeling with Base-10 blocks:
1.) $252 \div 3=$
2.) $441 \div 6=$
3.) $1,422 \div 5=$
4.) $1,214 \div 6=$
5.) $1,183 \div 9=$

CW/HW: Division with Base-10 Models Practice Problems (on NB paper)
Tues: (1,2,3,4,5 )

- Stretch Question in Spirals
- Continue Practicing Division with Base-10 blocks HW/CW: Octagon Division Worksheet

Wed: (2,3,4 ) FIRST DAY OF FALL ©

- Stretch Question in Spirals
- Continue Reviewing Division Process with Base-10
- Computer Lab-TTM or http://duvalls.weebly.com/ student links
- NO HW

Thurs: (1,2,3,4,5 )

- Stretch Question in Spirals
- Begin Exploring Factors and Continue Discussing Reducing fractions
- Explore and introduce Prime Numbers
- -Define factors, prime, composite, multiples in spiral w/examples
-     - Activity: Rectangular Arrays-students will create rectangular arrays for numbers 125 and circle prime numbers on graph paper using a rubric.
- CW/HW: Analysis of a Factor (with Factor Towers printed on the back)

Fri: $(1,2,3,4,5)$

- OBJ: Identify and Apply Factors, Prime, and Composite Numbers (2.1d)
- -Complete arrays and discuss, turn in
- -Activity: Sieve of Eratosthenes-display on Smart Board/discuss, pass out hundreds chart and complete sieve as group. Pass out Prime Numbers up to 199 and Rules of Divisibility sheet. Compare this sheet to Hundreds Chart and glue both into spiral.
- -Exit Ticket-students will explain the difference between prime and composite numbers on sticky note and give examples.
- CW/HW: Factor Towers (printed on the back of yesterday's assignment)

