Unit: 3rd – Represent and Compare Whole Numbers
Lesson: Place Value Review
Practice Activity: Base 10 – Make 3

Materials needed:
- Base 10 Blocks
- Dry erase boards/markers/erasers (for keeping score)
- Special die with only 1,2, or 3 (or you can use a regular 6-sided die 1 or 2 = 1, 3 or 4 = 2, 5 or 6 = 3)
- Make 3 number cards

To play:

Shuffle the number cards and put them in a pile face down where everyone can reach them.

Player 1 draws a number card and rolls the die.

If the roll is 1 – Player 1 uses the base 10 blocks to form the number on the card – Score 1 point for doing it correctly. Now player 2 gets the chance to make the same number using 2 different configurations of the base 10 blocks. If player 2 is successful, he/she gets a point for each correct confiuguration.

If the roll is 2 – Player 1 uses the base 10 blocks to make 2 configurations of the same number and gets a point for each correct configuration. Then Player 2 gets a chance to make 1 additional configuration to earn a point.

If the roll is 3 – Player 1 uses the base 10 blocks to make 3 configurations of the same number and gets a point for each correct configuration. Player 2 does not get a chance.

Then it is Player 2's turn to draw a card and roll the die.

To Win:

The winner is the player with the most points after 10 cards have been drawn. Examples of different configurations for 367:

3 hundreds flats 6 ten rods 7 ones blocks	2 hundreds flats 16 ten rods 7 ones blocks	3 hundreds flats 5 ten rods 17 ones blocks

611	**148**	**388**
3rd – Base 10 – Make 3	3rd – Base 10 – Make 3	3rd – Base 10 – Make 3
767	**107**	**740**
3rd – Base 10 – Make 3	3rd – Base 10 – Make 3	3rd – Base 10 – Make 3
747	**430**	**697**
3rd – Base 10 – Make 3	3rd – Base 10 – Make 3	3rd – Base 10 – Make 3

512	**884**	**524**
3rd – Base 10 – Make 3	3rd – Base 10 – Make 3	3rd – Base 10 – Make 3
582	**521**	**964**
3rd – Base 10 – Make 3	3rd – Base 10 – Make 3	3rd – Base 10 – Make 3
763	**474**	**958**
3rd – Base 10 – Make 3	3rd – Base 10 – Make 3	3rd – Base 10 – Make 3