

box cars and one-eyed jacks®

From Authors John and Jane



We have chosen Place Value Games as our theme for November. We could highlight it every month as the topic is so large, so important, that we could focus on it all year long. Our place value workshops can easily go for a full day as we incorporate teaching strategies, awesome place value dice and manipulatives and even dollar store finds. It is also one of our most fun workshops to present. Teachers and students usually comment that some of their favorite games are from the Place Value sections in our resources.

For our message this month we want to emphasize that while the place value games have a place in the overall instruction of place value concepts, games alone, without prior hands-on practice with place value/base ten manipulatives, will not be enough to ensure solid understanding for all students. Games provide repeated practice with reading, ordering, comparing, decomposing and recomposing numbers. Place value dice are very intriguing and motivating to students to use and can be used to complement your instruction. Remember that some students may need the manipulatives as they play the games to solidify their learning. Some basic place value teaching tips for games include:

- Always sit players side by side so they are reading numbers properly; use tens bracelets, thousands bracelets, playing mats / fun foam for building place values.
- For cards, sort out all tens, Jacks, Queens and Kings and use cards

from 0-9 only.

- Place Value dice come in a variety of values which you can use to build differentiation and a variety of concepts into your instruction.
- Use number lines: 0 - 9, 0-100, or tape ten together for a 0-1000 line.
- Use chunking place value strategies with regular dice or in 3-in-a-cube dice.

Our Consultant of the Month is Stephanie Garcia. Hailing from St. Louis, Stephanie has been a member of our team for many years. We first met Stephanie at the National ASCD and were quickly impressed with her enthusiasm for using games as a teaching strategy with her middle year students in inner city St.Louis. With a background in teaching Title 1 and ELL students she immediately saw the value of using hands-on activities with her students. Since our first meeting she has become one of our experts at the middle years levels, but has also done a huge amount of work in elementary. She is now branching out working with struggling high school programs. Stephanie loves conferences and is just fantastic when she is on site at state and regional conferences for us. Check out her favorite activities. She has been known to throw out candy, dice, and other items at her workshops! An energy to be reckoned with.

We wish our US teachers and followers a wonderful Thanksgiving. Check out our Thanksgiving Turkey estimation game! How many dice are in our turkey?

At Box Cars we are so grateful that we continue to make a difference for students!



Games of the Month!



Pre-K - K: Place Value Face Off

Primary: Race to 100

Betweeners

Elementary: Rounding off Big Time

Consultants' Corner ~Stephanie Garcia~

"Math has always been my favorite subject. When I became a teacher I loved teaching math with manipulatives. When I first started using the games and ideas from Box Cars and One Eyed Jacks I felt like a little kid on Christmas morning. There are so many wonderful games to play that teach the variety of Math concepts students need to learn and as a bonus it's Super Fun! Not to mention it's easy to

change the level of the game by changing a direction This school year my 8th graders are Math Buddies with 1st grade, one of our favorite games is *Clockominoes* [see *Domino Day in our Calendar for details*]. I love how the kids get to practice adding and counting on. It gets really exciting when they realize how many





[Click here for Stephanie's teaching and consulting background](#)

different ways there are to get the same number. With this game, on top of adding, we also get to see a variety of ways to graph the outcome. I love all of these games and I love how successful they make my students feel.



Clockominoes in action!



Two of my other favorite games are [Roll on Place Value](#), in which students learn about place value and probability, and [Commit and Capture](#), which teaches about order of operations [[Click here for student samples](#)]."

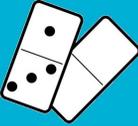
FUN Factoids!

November 2016

Click The Links in the Coloured Boxes for Math & Literacy Integration Activities and Fun Trivia!

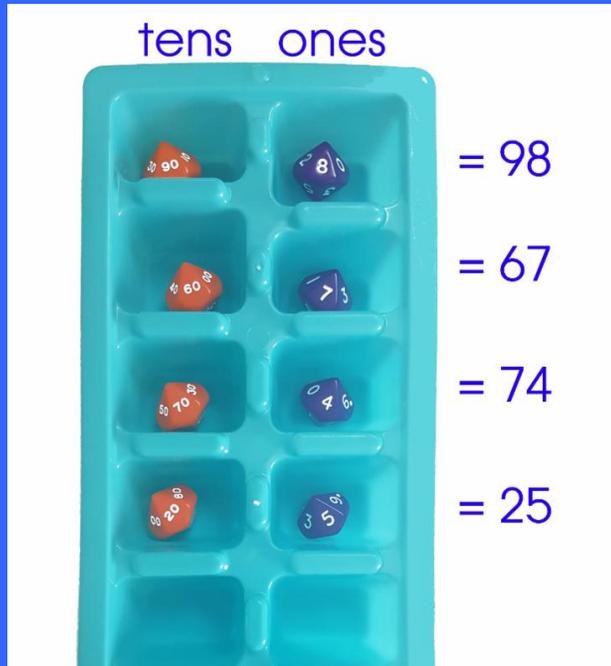
[And click HERE for our Professional Workshop Calendar](#)

SUN	MONDAY	TUES	WED	THURS	FRIDAY	SAT
-----	--------	------	-----	-------	--------	-----

		1	2		3	4	5
6		7	8	9	10	11 Remembrance & Veteran's Day 	12  DOMINO DAY! Try a round of Stephanie's <u>CLOCKOMINOS</u>
13		14	15	16	17	18 Substitute Teacher Appreciation Day!	19
20		21	22	23	24 Happy Thanksgiving!  <u>How Many Dice in the Box Cars Dice Turkey? Try our Estimation Game!</u>	25 <u>National Day of Listening: Preserving Oral History</u> 	26
27	28 RED PLANET DAY  <u>Click here for Box Car's Tribute to MARS</u>	29	30				

Place Value Dice on a Dollar Store Budget \$\$

ICE CUBE TRAY PLACE VALUE



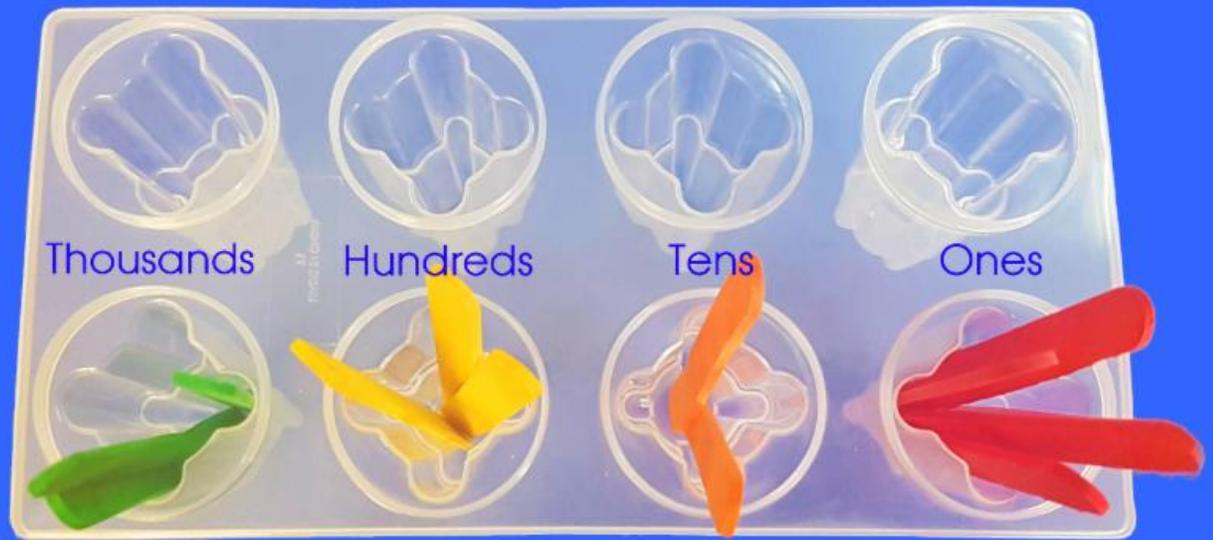
These are a great item to have to set up place value practice for students. They are typically found in the housewares section of the dollar store and I usually find them 2/\$1.00. Place value dice fit perfectly into the slots, giving students the structure for their place value work. Used vertically, young students can practice 10's and units (one's). Used horizontally you can build from the 100,000's to the decimal end. Students see the number in expanded notation, and then can say the number correctly out loud, and write out in standard form.



POPSICLE STICK PLACE VALUE

The best time of the year for finding popsicle makers is the summer, so keep your eye open next season. I have used this simple item to help students work with grouping and bundling 10 ones, trading the bundle in for a ten, eventually trading in ten tens for a hundred and

so on.



In the picture students have used red sticks for the ones, orange for tens, yellow for hundreds, green for thousands. They can draw and represent their numbers as well. Students can easily count and drop the popsicle craft sticks down into the mold. The sticks are also easily found in the dollar store in the craft section. What I like about the sticks shown is that they come in a pack of 200 and the pack contain a variety of colors. Students know that certain colors will be used for certain place values. I also love the quick assessment that can be done. You can ask students to build and represent a number with the sticks, read it then, draw it and write it in standard form.



As in the ice cube trays, the popsicle maker can be turned vertically to work only with tens and ones.

Sweet Deals of the Month!

This Thanksgiving, we've got a CORNUCOPIA OF DICE!

Be sure to also check out our Dice Turkey Estimation
game!



DC03 10 Sided 0-9 Dice. Available in lime green, red, and purple.

DC04 10 Sided 00-90 Dice. Available in turquoise, orange, and raspberry

DC05 10 Sided 000-900 Dice. Available in white.

DC06 10 Sided 0000-9000 Dice. Available in yellow.

DC07 10 Sided 00000-90000 Dice. Available in green.

DC08 10 Sided 000000-900000 Dice. Available in ivory.

DC19 12 Sided 1-12 Dice. Available in green.

DC21 20 Sided 1-20 Dice. Available in blue.

\$40/Bag of 100 Dice
Save \$10!
Ideal for Place Value exercises!



BONUS!
For the month of November, all orders for our Place Value Dice Special will receive *Power Play*, a book of place value games!

*Offer applies to phone and email orders only.
One *Power Play* per order only.

Phone: (780) 440-6284
Toll Free: 1-866-342-3386
Fax: (780) 440-1619

Email: orders@boxcarsandoneyedjacks.com

 @BoxCarsEduc