



Welcome to our reboot of our "Math at Home" series of emails! As promised we will resume sending out videos and resources to support you as you start the new school year. In "Season two" of our Math at Home campaign, we will feature games that cover a wide range of concepts both for primary and upper elementary. Since our first videos back in March-June, we've learned a lot about the kinds of challenges teachers are currently facing. As such, moving forward we will be focusing on how games can be modified for a socially-distanced setting as well as for virtual settings. We will also discuss assessment and differentiation strategies. As usual, the games we feature here will use materials many families and schools already have on-hand, such as regular cards, regular dice, rulers and

and some already have on hand, such as regular cards, regular dice, rulers and dominoes. We will also show how games can use manipulatives interchangeably (ie, swapping dice for cards and vice versa.)

One great thing about games is that they can be kept in your centers or in math journals so that students can continue to practice concepts that have already been covered in your lesson plans. Students need to engage in follow-up practice so they don't forget, and some students just need more practice to come to full understanding. This is true regardless of the circumstances in which they are being taught.

In today's videos, we've brought in Youtube star Sydney (entering grade two) to help demonstrate how games can be played with social distancing measures in place.

Who's In Between is one of our favorite place value games using cards and number lines, and as such, is great both for at-school and at-home play. Watch this video first, then follow up with the assessment video where Jane models how to use the concept skill checklist to gauge where Sydney is at in her understanding of place value. Also attached are the game rules, recording sheet and the concept skills checklist. These are all found in our book *Shuffling into Math*. Note: this game can also be adapted for use in the classroom with 0-9 and 00-90 place value dice.

Upper Elementary: Multiplication Tic Tac Toe is a great basic fluency practice game. We have attached PDFs for two levels of play and an adaptation for primary students (Addition Tic Tac Toe). We have also attached a concept skills checklist that can be used for observation and assessment. Teachers have been requesting easy-to-integrate practice games to help rebuild the gaps students have incurred from last year's school disruption. In the video Jane demonstrates this game using 10 and 12 sided dice (students' favorites!), as well as how to adapt the activity using regular playing cards. Jane has also adapted the game so that each student has their own gameboard (typically, students would share a gameboard). This game comes from our book *All Hands on Deck*.

## PRIMARY

[Who's In Between? \(feat. Sydney\)](#) & [Who's In Between: Assessment Strategies](#)

**Materials:** Cards, hundreds number line or yardstick (optional)

**Skills:** Place value of 10s and 1s, Placing numbers in a 100s number line, recognizing greatest/least and between

**Grade Levels:** 1-2

**Reproducibles:** [Game Rules and Recording Sheet](#), [Place Value 10s and 1s Skills Checklist](#)

## UPPER ELEMENTARY

[Addition & Multiplication Tic Tac Toe](#)

**Materials:** Gameboards, markers (such as bingo chips), regular cards OR multi-

sided dice

**Skills:** Operations (addition to 18, multiplication to 81 or to 144)

**Grade levels:** 4-6 (for Multiplication)

**Reproducibles:** [Rules and Multiplication Boards to 81 and to 144](#), [Addition Board to 18](#), [Skills Checklist for Multiplication](#)

**BONUS: Using a Multiplication table for Multiplication Facts, Fractions and Ratios**

A great video for showing the relationships between multiplication, fractions, and ratios, especially for students who are struggling with certain multiplication facts.

Stay tuned for more games coming atcha next week! In our next newsletter John will be teaching you follow up activities on the Multiplication Chart. If you need any further upper elementary activities and/or if your students have lots of gaps, you might be interested in John's [TGIF! Webinar](#) for this level.

Please email [jane@boxcarsandoneyedjacks.com](mailto:jane@boxcarsandoneyedjacks.com) if you have any suggestions for what you'd like to see or topics you'd like us to feature. Additionally, make sure to check out our COVID newsletters that we posted from March - June (link below). There are well over 50 videos, games and PDF gameboards that you can use in your teaching. Note that all these resources are free to use and share with your families and colleagues.

## What's New In Box Cars Land

Click the tiles below to see our [Back-to School SALE page](#), our [Custom Math Bag page](#), our bank of previous ["Math at Home" resources](#), and our [Webinar page](#), which features information on our new Muffins N' Math series of Saturday morning webinars. Check it out!

### Muffins N' Math: Box Cars "Saturdays"





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Stay safe, stay sane, and whenever possible, stay home.

All our best wishes,  
The Box Cars Team <3



Jane



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