



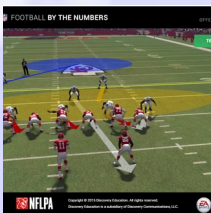
# NUMERACY NEWS

A monthly newsletter brought to you by the Numeracy Leads of Anglophone North

DECEMBER 2015

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## Top stories in this newsletter



Madden Football 2016 STEM



Assessment Dates



Making "Teen Numbers"

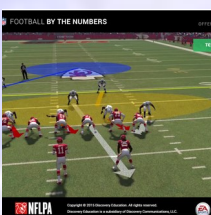


Math Daily 3



Links, Resources and Professional Reading

## Focus on STEM— Using Madden Football to Teach STEM



"EA Sports, Madden NFL, the NFL Players Association, and Discovery Education are proud to introduce EA SPORTS Madden NFL: Football by the Numbers, an engaging middle school educational program designed to translate students' love for football into a deeper understanding of the math and science behind America's greatest game."

Football, playing video games and learning STEM? Sounds a classroom win to me!

Play and learn at: <http://footballbythenumbers.discoveryeducation.com/>

\*Correction from a previous article about the NHLPA STEM program: The correct link to register is: <https://platform.everfi.net/registration/login>

## Assessment Dates



**Grade K to 3—Key Skills; January**

**Grade 5 to 8—District benchmark assessment; Dec. 7-16**

Grade 4—Provincial field test ; May 16-27

Grade 6— Provincial assessment; May30—June 2

Grade 5,7 & 8 — District year end assessment; June

**Grade 9— District multiple choice common assessment ; January & June**

Grade 10—Provincial assessment; May 9-20th

## Making "Teen Numbers"



In Darlene Mann's class students often collaborate to make their own manipulatives to aid in their learning. During this lesson students used paper links to create "Teen numbers".

In groups of two, students were asked to build a "teen number". They were given black strips to represent tens and pink strips to represent ones. The pair of students that had 14, made 10 black loops and 4 pink loops. Then they presented their number to their classmates and hung each of their numbers in the classroom.

## Math Daily 3



Math Daily 3 is a framework for structuring math time so students develop deep conceptual understanding and mathematical proficiency. It is based on a similar structure to "The Daily Five" by the 2 Sisters, Gail Boushey and Joan Moser.

Cheryl Noel uses Daily Three Math with her Grade One class at Ian Baillie Primary. She begins her class with a full group activity, "Number of the Day." Students show the chosen number on a number line, with tally marks, with ten frames, with dice, base ten, etc. Next, students are broken into groups to participate in one of three activities - math with the teacher, folder work, or a math game.

Keep up the great work Ian Baillie!

## Links, Resources and Professional Reading



### Websites

Christmas lights Math (add, sub., ,mult. & div.): [http://www.abcya.com/christmas\\_lights\\_holiday\\_game\\_for\\_kids.htm](http://www.abcya.com/christmas_lights_holiday_game_for_kids.htm)

Lots of virtual math manips: <http://tinyurl.com/yhggwju>

Key Skills Christmas Fun (K-3): <http://www.topmarks.co.uk/Flash.aspx?f=ChristmasYr1>

Follow us on twitter @AngloNorthMath for daily tweets with useful links, games, & professional reading.

Contact us with any questions or to share your favorite apps, games, best practices, etc. We would love to hear from more high school and middle level teachers so we can help educators at these grade levels from across our district share best practices and resources.

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