



What's been going on at Horton?



In September Horton, along with many other NPS schools, began using Bedtime Math. Bedtime Math is a free app for Iphone and Android users. The app is a fun way to engage families in Math. Each day a math problem is given on three different levels; wee ones, little kids and big kids. Bedtime Math takes only five minutes a day and is a great way to build your child's mathematical skills. If you haven't downloaded the app start today!!

Bedtime Math App Instructions:

- ❖ Download the app (for FREE)
- ❖ Select your preferred language
- ❖ Select COMMUNITY EDITION
- ❖ Code- NJ
- ❖ District- Newark
- ❖ School- Dr. W. H. Horton

Enjoy! And remember to practice every night.

Rich Task Tuesday

October brought about the introduction of Rich Tasks Tuesday. Every Tuesday the students engage in real world math problems that promote high level thinking. A rich task is different from a typical math problem. Rich tasks can have various ways to solve or enter the problem, require students to explain, predict or justify their answer and allow students to determine which concepts are being presented. Take a look at a few rich tasks problems on the next page.

Problem Solving Strategies

During the month of November we dug deeper into Rich Task. The students focused on the keys to use when solving a rich task. A few are listed below.

- ❖ Draw a picture
- ❖ Make a chart/table
- ❖ Guess and check
- ❖ Look for a pattern
- ❖ Work backwards
- ❖ Write a number sentence
- ❖ Use objects

Math Centers

In December we learned how to create math centers. Math centers allow teachers to work with small groups while the rest of the class rotates through different activities. Math centers allow students to work independently as well as cooperatively on activities focusing on specific content. Math centers provide review, practice and enrichment.

Interactive Math Web Sites

<https://www.brainpop.com/math/seeall/>

<http://www.coolmath-games.com/1-number-games>

<http://gregtangmath.com/games>

https://www.mathplayground.com/common_core_state_standards_for_mathematics.html

Bilingual Sites

<https://matecitos.com/>

<https://esp.brainpop.com/>

How can I help my child?

Below are the math fluencies that students should be fluent in by the end of each grade. Help your child develop the fluency in their grade level by practicing with them at least three times a week.

Kindergarten

Add/Subtract within 5.

1st Grade

Add/Subtract within 10.

2nd Grade

Add/Subtract within 100.
Single digit sums (+) and differences (-)

3rd Grade

Add/Subtract within 1,000.
Single digit products(x) and quotients (÷)

4th Grade

Add/Subtract within 1,000,000.

5th Grade

Multi-digit multiplication

6th Grade

Multi-digit division
Multi-digit decimal operations +, -, x, ÷

7th & 8th Grade

Students should be fluent in all previous requirements

PARCC IS COMING! April 23rd – May 18th

Students in grades 3-8 will take PARCC (Partnership for Assessment of Readiness for College and Careers). The PARCC assessment measures how prepared our students are for college by assessing the student knowledge of the math common core state standards. More information on the standards and PARCC can be found through the links below.

[Core Standards](#)

[PARCC](#)

Rich Tasks Example

Gr. 4

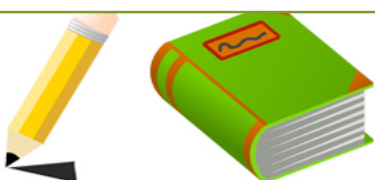
Rick jogged $5\frac{1}{10}$ of a mile. Jack jogged $4\frac{5}{100}$ of a mile. Jack thought he jogged farther than Rick. Do you agree with Jack? Explain your reasoning using pictures, numbers, and/or words.

Parent Problem of the Month Challenge yourself!!

If $a + b = 10$ and $a - b = 8$, what is the value of $3a + b$?

Hint: $3a$ means $3 \times a$.

Math Humor



Contact
Information

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