Math News...

March 18, 2013

Benchmark Assessment- Right Reason Technology
Grades 3-5: March 20, 2013- Book 1- Multiple choice only

What is rigor?
- Simple ideas studied deeply
- Complex not difficult

Example: Simple

Sarah has 51 apples and 3 bags. She put the same number of apples in each bag. How many apples did Sally put in each bag?
- 17- Correct answer, **but no rigor**
- Sally put 17 apples in each bag. **Shows rigor. Answering in a complete sentence demonstrates understanding.**

Example: Complex

Sally has 51 apples and 3 bags. She sold 6 of the apples and divided the remainder of the apples equally into the 3 bags. How many apples did Sally place in each bag?
- Sally placed 15 apples in each of the 3 bags. **Simple problem was made complex by adding an additional step.**

Example: Difficult

Sally has 45, 487 apples and 24 bags. She sold 15 apples and divided the remainder of the apples equally into 3 bags. How many apples did Sally place in each bag?
- This problem is **not** rigorous. It is difficult because it takes the focus off of solving the problem and places it on computational skills.

New York State Mathematics Testing: Grades 3-5
Wednesday, April 24-Friday, April 26

What should I be doing to help prepare students for the rigor of state exams?
- Complete all priority standards and supporting standards (measurement and geometry)

- Expose students to a **minimum** of two (2) real word problems each day
  - **Read:** read the problem
  - **Draw:** make a model to solve the problem
  - **Write:** answer the question using a complete sentence
- Use PARCC- vocabulary practice and assessments as a way to reinforce skills/concepts
- Crosswalk Coach- Cumulative Assessment (End of Unit Domains Grades 3-5)
- Daily Fluency activities
- Right Reason Technology- intervention lessons
- Go to http://engageny.org for recent updates

Professional Development
April 10, 2013- Grades 3-5: State testing- Rubric/testing procedures