Grade 3 (and 2, 4, and 5) Math/Literacy Experiment

Thanks for your interest in this experiment. In case someone shared this document with you and you would like to know more about it, see my blog:


Instructions

There are two sets of questions, one math and one drawing. The math questions are taken directly from some Grade 3 benchmark tests, but I can see them being used in grades 2-5 for the purposes of this experiment (though you are welcome to use them with whomever you want - it’s an experiment, after all, not hard scientific research).

Each page is designed to be printed double-sided, as two questions are on the first side and one on the second. The two sets of questions are very similar, so you should probably give them a couple of weeks apart. Give the “math” questions during math instructional time and the “drawing” questions during literacy instructional time (or any time that is not math instructional time).

When having them do the activities, **you can (and should) read the questions out loud, but don’t answer any of the students' questions.** If they want help, you can reread the question, or say “Just do the best you can.” The point is to learn more about their thinking and collect data, not for them to get a perfect score.

There are no names on the sheets, just a letter. Please be sure to give the “Student A” version of each to the same student (a roster sheet is included to help you keep track). This is so you can (pretty please!) share some of the work, especially the drawings, that the students create without having to black out names.

After you have finished both tasks with one set of students, go to our online survey tool (http://drexel.qualtrics.com/SE/?SID=SV_3mj1v0IRH3NkM8R) to report the results. There is an option at the end to upload a file, so if you can scan the students' drawings and put them all in one PDF, that would be super. If you have multiple files for the same class, you can email them to me at annie@mathforum.org. (If they write down anything on the math pages besides circling the answer, I’d love to see those too.)

Any questions? Just drop me a line! Want me to remind you to do the second set of questions? Just email me when you do the first one and I’ll send you a reminder in two weeks. Thanks for your participation.

— Annie Fetter, The Math Forum @ Drexel
annie@mathforum.org
http://mathforum.org/blogs/annie/

Version 1, September 15, 2014
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C. 18
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The party store sells balloons in groups of 5. Robert bought 3 groups. Draw a picture of the story.

Six flower plants come in 1 box. Lucy has 1 box. She gets 4 more boxes of flower plants. Draw a picture of the story.
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