

From: Jan Segert
Subject: Jan Segert's review of revised DESE/METS Mathematics Learning Goals
Date: November 11, 2008 8:36:38 AM CST
To: Stan Johnson
Cc: Cindy Bryant, Kent King, Jan Segert

Dear Stan,

Enclosed please find my comprehensive review of the revised DESE/METS Mathematics Learning Goals, submitted in response to the invitation on October 7 copied below. I will also post this on my website <http://missourimath.org/>

The verdict is very mixed:

- 1) Grades K-7 are significantly improved and close to the 2006 NCTM Focal Points. These grades could be fine with some relatively minor fixes.
- 2) Grade 8 still has serious problems. This is significant because Grade 8 is an important transition to high school and authentic Algebra as per the recommendations of the 2008 report of the National Mathematics Advisory Panel (NMP).
- 3) Algebra 1, Geometry, and Algebra 2 are a DISASTER. The Writing Group has shown itself utterly unable and/or unwilling to meaningfully revise this material. This material must absolutely NOT be approved for use in Missouri schools (!) It takes a some time to even begin to appreciate just how bad this material is, I urge you to actually read my review (and the reviews of other mathematicians, particularly Milgram) on this material.

I have not reviewed the Integrated material for High School.

Sincerely... Jan

Jan Segert
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<SegertReviewMO.pdf>

On Oct 7, 2008, at 11:03 AM, Johnson, Stan wrote:
Dr. Segert,

Commissioner Kent King ask me to forward you the latest version of our math learning goals. Responses to feedback from public comments on our first draft are also attached. Please review both documents and provide any comments or questions to Cindy Bryant DESE math consultant. If I can be of any further assistance, do not hesitate to contact me. Thanks!

Stan

<Draft DESE_METS K -12 Mathematics Learning Goals for Posting
10_07_08.doc><Report_of_Writing_Group-8-15-081.docx>