

Dear Algebra Teacher (and interested others):

On behalf of the Northern Kentucky Algebra Community (NKAC), I would like to invite you to participate in a second meeting to discuss the development of curriculum materials for a high school transitional algebra course on Wednesday, May 27, 2009 from 4PM until 6PM at the Kentucky Center for Mathematics at NKU. An initial planning meeting was held March 30, 2009 and generated enthusiasm for the project. I envision the second meeting to be much more focused and, essentially, to be a “working” meeting, where we begin to add more detail by examining materials on specific mathematics topics, discussing both content and pedagogy. With that in mind, I invite you to bring materials and/or resources focusing on the content of “fractions,” where this refers to not only numerical fractions, but algebraic fractions and the connections between them. Also, please consider the following questions to help guide our discussion:

1. What are the important SKILLS associated with algebraic fractions our students should know and be able to perform?
2. What are the important CONCEPTS associated with algebraic fractions our students should know?
3. What types of PROBLEMS should our students be able to solve that require knowledge of #1 and #2?
4. What are effective (and not so effective) approaches to teaching the above?
5. What is the role of technology when teaching the above?

Also, I am looking for volunteers to assist in organizing the results of this meeting and to possibly try out developed lessons in their classroom in the fall. A stipend will be awarded at the completion of this work. Please email me for more information.

Light refreshments will be provided.

Address:

504 Johns Hill Rd.

Highland Heights, KY 41099

Click the link below for directions:

<http://maps.google.com/maps?f=q&hl=en&q=504+Johns+Hill+Road+41099&sll=39.030936,-84.458299&ssp=0.011885,0.026994&layer=&ie=UTF8&om=1&z=16&ll=39.031119,-84.462504&spn=0.011885,0.026994>

Thanks, and see you on May 27!

Mike