



North Boone School District #200
K-12 Math Committee Meeting
2010-2011 School Year

October 14, 2010

Dr. Baule, Superintendent - P
Kristi Crawford, Principal Manchester - P
Jake Hubert, Asst. Principal NB High School - P
Kellie Townsend, NB Middle School - P
Molly Lilja, 6th Grade NB Upper Elementary - A

Sandy Moon, 4th Grade Capron - P
Denise Bussie, 4th Grade Poplar Grove - P
Jean Perkins, 6th Grade NB Upper Elementary - P
Debbie Murphy, 1st Grade Manchester - P
Jen Natzke, NB High School - P
Eileen Moran, NB High School - P

Agenda

- I. Welcome
- II. Today's Tasks and Outcomes

- A. Common Core Standards - <http://www.corestandards.org/>
 1. Incorporating Common Core Standards with North Boone
 2. Curriculum Alignment

We began the meeting with a general discussion of the core standards and how they have or have not associated with the standards we already worked on. Everyone stated that specific changes would need to be made, making sure that the curriculum is aligned when standards are completed. This will be an involved process. Because of this, we needed to decide whether to complete this immediately or do it after receiving feedback from the math audit. As a committee, we decided it would be better to send our standards as they are for the math audit. That will allow the consultants to understand where our data is coming from and also provide us with ways to show improvement.

- B. Math Resources
 1. District Assessment Data
 2. Report on other districts – Jake Hubert
 3. Plan
 4. Evaluation System

We looked at district data assessment to address how our students are currently performing. We found that we are facing a Pre-K-12 issue. Our scores are stagnant and not showing improvement or they are far below what they should be to attain AYP. To turn this around will require some major changes in our math program. From here, we looked at districts in Illinois similar to ours who are doing well on their standardized tests. We agreed that some networking with these districts must be completed to give us a foundation for the curriculum, teaching strategies, and interventions being used successfully in other math programs. At this point, a list was generated of districts to contact by our members (this is listed later in an attachment to the meeting notes). All districts will be contacted before our next meeting and a report will be given on each contact made.

In addition, we brainstormed ideas on the many components that will need to be included as we look at new math resources. We stated that it will be important to have an evaluation system in place so that all resources are critiqued on the same grounds. This will also be something that the members discuss with colleagues before the next meeting.

C. Teaching Strategies/Interventions

1. Discussion of what is being used
2. Staff Development Needs
3. Article

We took a moment to review an article on two strategies that differentiate math learning. The two strategies were creating open questions and parallel tasks. While these are not difficult strategies, it was agreed that they are probably not used very much in our district. As a committee, we feel that intense staff development is needed to assist teachers with math instruction. To continue analyzing our math program, we also looked at what teaching strategies and interventions are being used to instruct mathematics in our district. Our list was very minimal on both strategies and interventions. Very few interventions are currently known or used to assist students here at North Boone. A discussion also took place on the benefits/cons of having a math specialist/coach for the district or buildings. This has really benefitted the reading program and we discussed how this might also aid our math program.

D. Question Set

1. Resources
2. Strategies/Interventions

We now worked on a question set that could be used when contacting other districts. We will be talking with them about the resources that they currently use and also strategies/interventions that have been successful in their district. We also included ideas they might have and/or presenters for staff development and any evaluation tools that districts have used when reviewing resources. A complete list of questions is also attached to these notes.

III. Other

A. Future Meeting Date?

We decided to meet again on November 18th. The meeting will be held from 3:15 – 4:15 p.m. During this time, we will discuss the information gathered from the districts that we contact.

Before adjourning for the day, staff development ideas were shared with members.

Questions and districts to contact are listed below.

Questions to Ask Districts:

- 1) What math courses are offered for each grade level?
- 2) Number of students in each course by grade level.
- 3) Percent of accelerated students by grade level.
- 4) What math books (series) are used at each level? Strengths? Challenges?
- 5) What assessments are used to analyze student performance?
- 6) Do you use common formative assessments?
- 7) Have you completed curriculum mapping?
- 8) How is placement for accelerated classes determined?
- 9) What methods of instruction/strategies are used?
- 10) What interventions have you tried that have been successful when students are challenged?
- 11) Do you use any computer software to assist your students when learning the curriculum?
- 12) Do you have a math coach/specialist?
- 13) What amount of daily instruction time is used for math? (all levels)
- 14) What staff development has been offered? Any ideas on presenters you felt were effective for your district?
- 15) Did you use any type of evaluation form when reviewing resources? If so, ask if they would be willing to share with our district.
- 16) Any other information you believe may be pertinent or important for us to know.

District Assignments:

Jake Hubert:	Central CUSD 3 Elmwood CUSD 322 Fisher CUSD 1
Sandy Moon:	Aviston SD 21
Jean Perkins:	Tri Valley CUSD 3
Kellie Townsend:	Geneva CUSD 304
Jen Natzke:	Eureka CUSD 140
Debbie Murphy:	Mt. Zion CUSD 3
Denise Bussie:	Teutopolis CUSD 50
Eileen Moran:	Indian Creek CUSD 425
Kristi Crawford:	Rochester CUSD 3A