


Curriculum and Instruction Finance Committee Meeting September 7, 2010

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Assistant Superintendent for Curriculum, Instruction
and Assessment

Also Featuring:

- Mrs. Susan Cassidy, K-12 STEM Lead Teacher
- Ms. Kathy Kirk, 10-12, Science Department Leader
- Mrs. Barbara Bigler, Elementary Curriculum Advocate
- Dr. Sara Obarow, Elementary Curriculum Advocate
- Miss Elizabeth Rumble, Grade 4 teacher, NHUF



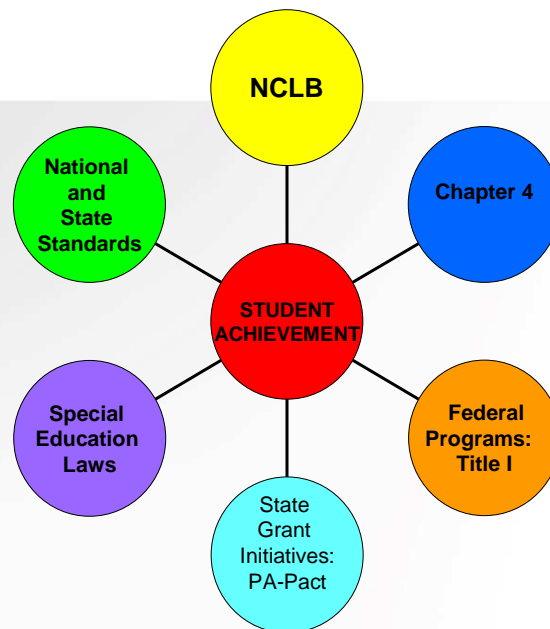
Budget Impact Statement

- Curriculum, Instruction and Assessment
 - Teachers' Salaries and Benefits
 - Paraprofessionals' Salaries and Benefits
 - Textbooks
 - Instructional Materials and Supplies, including technology
 - Assessments and Assessment Materials



Compliance Issues

- No Child Left Behind (NCLB)
- [School Code: Chapter 4 requirements](#)
 - State Standards – National Standards
 - Curriculum and Instruction
 - Scheduling and grade configuration
 - Assessment and graduation requirements
 - Keystone Exams
- Federal Programs: Title I
- State grant initiatives: PA-Pact, Dual Enrollment
- Special Education Laws and Regulations
 - “scientifically based research”





BASD's Student Achievement Focus

Some Examples from the 2009-10 PSSA Results:

- 100% of grade 3 and 4 Earl students were proficient and advanced in reading and math.
- 93% of grade 4 Pine Forge students were proficient and advanced in reading.
- Looking at the same group of GES students from 5th to 6th grade, reading achievement increased from 40% to 59% in the advanced category alone.
- Proficient and advanced scores increased for students with disabilities at JHW by 9% in reading and 12% in math.
- 95% of JHE students were proficient or advanced in grade 7 math.



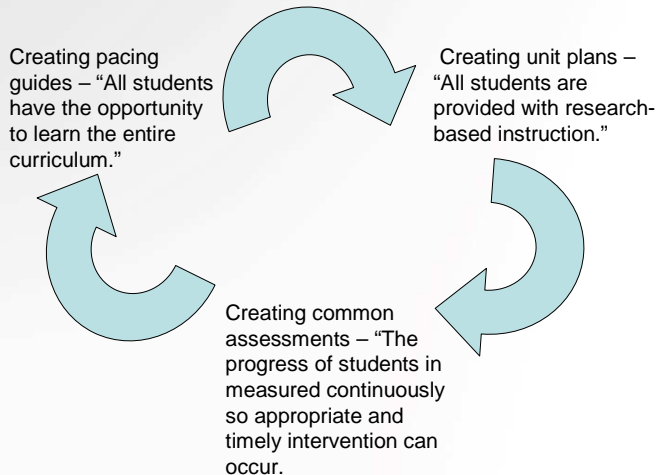
Key Factors to Increasing Student Achievement

- The curriculum development process
- The role of lead teachers, department leaders and elementary curriculum advocates in increasing student achievement
- The role of textbooks and other materials (i.e. science kits) in the implementation of the curriculum
- The role assessment plays in an aligned curriculum

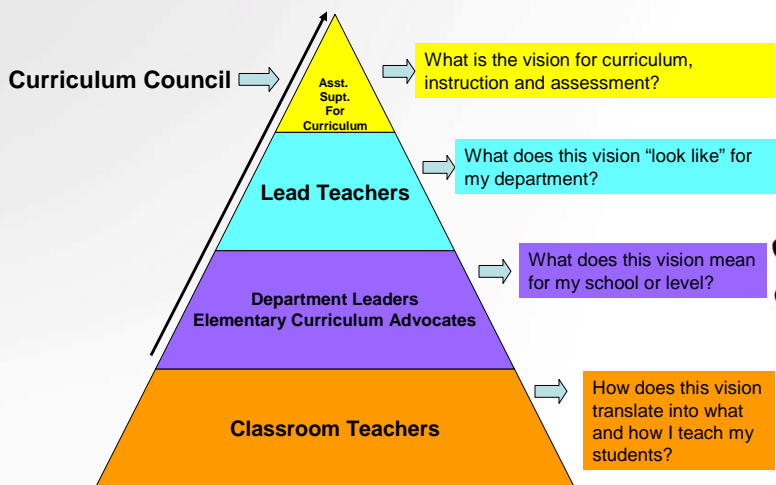


The Curriculum Development Process

- Aligning the Curriculum to State Standards



Role of lead teachers, department leaders, elementary curriculum advocates





Examples

- Mrs. Susan Cassidy, K-12 Lead Teacher for Science, Technology Education and Math (STEM)
- Ms. Kathy Kirk, 10-12 Science Department Leader

Lead Teacher	Department Leader
Communicates and discusses initiatives with department leader	Conducts department meeting to disseminate information
Acquires research-based textbooks or materials options and facilitates selection process	Works with lead teacher to facilitate selection process; orders the new books or materials
Trains and supports new teachers on instructional practices	Ensures new teachers have schedules, supplies, etc.



Examples

- Elementary Curriculum Advocates
 - Mrs. Barbara Bigler, Grade 4, Earl Elementary
 - Dr. Sara Obarow, Kindergarten, Colebrookdale Elementary

Representing their building and respective grade level on the district Curriculum Council.
Providing necessary input and feedback into the development of programs for inservice days.
Facilitating inservices, as necessary (for example, conducting district-wide grade level meetings).
Providing support to new teachers in conjunction with the new teacher induction program.



The Role of Textbooks and other Materials in the Implementation of the Curriculum

- Standards-aligned and Research-based
 - Standards-aligned: Textbooks and materials are aligned to the content that is targeted in the PA standards
 - Research-based: Follows what educational research has shown to be effective in supporting all students as they achieve high academic standards
- Example: Elementary FOSS and STC Science Kits
 - Mrs. Beth Rumble, NHUF, Grade 4



The Role Assessment Plays in an Aligned Curriculum

- State (and coming soon, national) assessments
 - PSSA
 - keystones
- District-wide Assessments
 - 4Sight (benchmark assessments for reading)
 - Math (district created)
 - End-of-course assessments
- Classroom Assessments
 - Study Island software
 - Fountas and Pinnell reading assessment leveling kits



Future Curriculum, Instruction and Assessment Considerations

- Textbooks – Online options: more computers?
- Literacy Explosion: reading, writing plus global literacy, health literacy, technical literacy, visual literacy?
- STEM: Engineering programs?
- Science: Requirements of Physics or Chemistry?
- Internships and Apprenticeships: Options to make the community and outside world more relevant to students?
- Childhood obesity epidemic: More health and physical education for students?
- Online course options for students: Combinations of brick/mortar and cyber?
- Continued focus on individualized instruction?
- Keystone Exams versus Local Assessments?