

BETTENDORF COMMUNITY SCHOOL DISTRICT  
**BETTENDORF, IOWA**

Unofficial Minutes of the November 27, 2017 Special Meeting  
of the Board of Education  
(pending Board approval)

1. Call to Order.

The Board of Directors of the Bettendorf Community School District, in the County of Scott, State of Iowa, met in open session according to Iowa law for a special Board meeting at the Administration Center, 3311 18th Street, Bettendorf, Iowa, on November 27, 2017. President Gordon Staley called the meeting to order at 6:00 p.m. Colleen Skolrood, Board Secretary, verified that the meeting notice had been posted and mailed to the media as required by law.

Members present: Directors Castro, Champion, Holland, Lynch, Staley, Struck

Members absent: Director Pyevich

Other officials present: Mike Raso, Superintendent; Kay Ingham, Director of Student Services; Celeste Miller, Director of Communications; Lisa Reid, BMS Principal; Jayme Olson, BMS Associate Principal; Lana LaSalle, TJ Principal; Colleen Skolrood, Board Secretary.

2. Agenda Approval.

Motion by Director Castro, seconded by Director Champion, to approve the agenda as presented.

Ayes: 6 Directors Castro, Champion, Holland, Lynch, Staley, Struck

Nays: 0

Absent: 1 Director Pyevich

Motion carried 6-0-1

3. Discussion Items and Reports

3.01 Curriculum Presentations - Math & Science.

Curriculum & Professional Development Teacher Leaders Marty Beck and Chris Like gave a presentation on the math and science curriculum.

**Science Curriculum**

Chris Like gave an overview on the new Iowa Science Standards and the plan for implementation of these new standards.

In August of 2015, the Iowa Board of Education accepted a proposal to adopt the performance expectations in the Next Generation Science Standards (NGSS) as the new Iowa Science Standards.

It should be noted that implementing these standards requires significant shift in not only what is taught at each grade level, but how our students experience science and engineering. The standards weave overarching concepts in science with Scientific and Engineering Practices in the context of a limit number of Disciplinary Core Ideas.

The state has set a hard deadline for implementation of these standards in 2018-

19. Middle School grades are given an extra two years, with full implementation by 2020-21. The following is Bettendorf Community School's plan for implementation of these new standards.

#### Elementary Grades

The K-6 standards are strict in which grade level the performance expectations need to be assessed. In order to make these transitions, teachers were brought together to aid in writing the curriculum.

#### Middle School

By the fall of 2018, one grade level is required to have shifted to the new standards with subsequent grade levels following in successive years.

#### High School

A sequencing of classes had to be developed that would ensure that all students were assessed on all of the Iowa Science Standards. It was decided that three years of required science would be needed to fulfill this obligation. This does not change the amount of credits needed for graduation, only the courses that fill those credits.

#### Math Curriculum

Marty Beck gave an overview of the standards for math.

##### Standards for Math

- Based on the Common Core Standards (national)
- Content standards for each grade K-8 and a set of high school standards to be taught within 3 HS graduation credits (usually Algebra 1, Geometry, Algebra 2).
- 8 Mathematical Practice Standards for all grades K – 12

The standards ask math teachers to significantly narrow and deepen the way time and energy are spent in the classroom. This focus will help students gain strong foundations, including a solid understanding of concepts, a high degree of procedural skill and fluency, and the ability to apply the math they know to solve problems inside and outside the classroom.

While the secondary level is newest to the idea of MTSS (Multi-Tiered Systems of Support), the data collected shows success with the systems that have been put in place. 1st quarter D's and F's for 8th grade math fell from 28 last year to 1 this year. The percent of students who failed Algebra 1 fell from a high of 19% in 2011-2012 to 5 % last year (and 2% so far this year).

The High School is developing a course proposal for an Algebra 2 Concepts course. The purpose of the course would be to shore up knowledge and skills students need in order to be successful in Algebra 2. A review of the Middle School pilot of the Open Up Resource will begin after the new year.

3. Adjournment.

Director Castro motion to adjourn the meeting at 7:53 p.m.

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Gordon Staley, President

ATTEST:

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Colleen Skolrood, Secretary