



Wyomissing Area School District

Curriculum Committee Meeting

February 12, 2024

Agenda

- Background – Review of Goals
- Current Math Instructional Minutes by Level
- Decision-Making Process
 - Presented Options
 - Discussion and Final Recommendation

Background and Goals

Background: Development of goals aligned to improvement in math achievement

WASD Comprehensive Plan Goal: Create an aligned and articulated K-7 math curriculum that improves student proficiency based on state assessments by 15% by the conclusion of the three-year period.

WASD Strategic Plan Goal: WASD will demonstrate improvement in student growth and achievement in math.

Sample Goal from WASD Math Action Plan

Action	Assigned To	Completion Date	Progress
Identify options for schedule changes to JSHS - specifically middle level math and ELA	Assistant Superintendent, Building-level Administrators, Teacher Committee	2023-2024 school year	Increase in elementary math instructional minutes has already been implemented.

Background and Goals

As a result, a math action plan was developed to address a variety of areas.

- These will be examined during the February 26 meeting of the Board of School Directors.
- One particular area of focus includes time allocation and schedule.

Why increase instructional time allocation for math?

- At 41 minutes of math instruction per day in grades 7-12, we have currently one of the lowest amounts of instructional minutes across the state, particularly in grades 7 and 8.
 - Some middle schools offer double periods daily.
 - Some administer double periods three days per six-day cycle.

Current Instructional Minutes by Level

Building	Grade Level	Current Instructional Minutes per Day	Current Instructional Minutes per 6-Day Cycle
WHEC	K-4	75 - 90	450 (75) 540 (90)
WREC	5-6	65	390
JSHS	7-12	41	246

Middle Level Math Revisions - Instructional Minutes

Proposed instructional minutes plan:

- 41 minutes per period/8 periods/cycle = 328 minutes/cycle (**represents an increase of 25% math instructional time per cycle)

There are 30 cycles per school year.

- 82 additional minutes per cycle x 30 cycles = 2460 additional minutes of math instruction per year.
- That equals 60 class periods (2460/41)...about two months of additional math classes throughout the year!

Middle Level Math Revisions - Instructional Minutes

- Revisions have been made with no additional staffing necessary.
- Extra math minutes will be a regular class period taught by the same math teacher. This is not a math tutor time nor a study hall to get homework completed. It is a continuation of the math instructional plan.
- Students in the accelerated Pre Algebra and Algebra I classes will continue to have math class six periods per cycle. No change in instructional minutes.

Decision-Making Process

Process:

- Initial concepts were presented during the Department Chair meeting
- Meetings were set up with HPE Dept Chair and Music Dept Chair to discuss options and receive input and feedback
- Building and district administrators met to consider input and finalize three options to review with the group

Decision-Making Process (cont.)

- Administration and teacher team met to review final options and engage in a consensus-building protocol
- Resolution was obtained
 - The agreed-upon option may not be a permanent solution.
 - Changing ensemble enrollment numbers, potential schedule revisions may make this a bridge plan until a more firm one is set.

Summary of Options for Increasing Math Instructional Minutes

Option	Grade Level(s)	Description	Impact on Music	Impact on PE
1	7	<p>Create 7th grade sections of PE in period 2 and/or 3.</p> <p>One quarter course would need to be removed for these students if using period 2. .</p> <p>Option to replace music or Advisory period, depending whether a student is enrolled in a world language.</p>	<p>Students with 4 days of the same music ensemble would remain at 4 days.</p> <p>Unchanged.</p> <p>Students with 2 different music ensembles would remain at 2 days of each ensemble.</p> <p>Unchanged.</p>	Reduction of PE from 60 class sessions to 45 sessions of PE scheduled in one quarter.
	8	<p>Create 8th grade sections of PE in period 1 (during special time).</p> <p>One quarter course would need to be removed for these students.</p> <p>Group determined music to be the quarter course removed.</p>	<p>Students with 4 days of the same music ensemble would remain at 4 days.</p> <p>Unchanged.</p> <p>Students with 2 different music ensembles would remain at 2 days of each ensemble.</p> <p>Unchanged.</p>	Reduction of PE from 60 class sessions to 45 sessions of PE scheduled in one quarter.

Option	Grade Level(s)	Description	Impact on Music	Impact on PE
2	7 and 8	All ensemble, PE and additional math sessions occur during period 11.	<p>Reduction of 4-sessions of one ensemble per cycle to three sessions per cycle.</p> <p>Students with 2 different music ensembles would have 1 day of each ensemble and rotate a second day for one of those ensembles each cycle.</p> <ul style="list-style-type: none"> • Example – student goes to band day 1, chorus day 2, rotates every day 5 between band & chorus. 	Reduction of PE from 60 class sessions to 30 across the school year.
Option	Grade Level(s)	Description	Impact on Music	Impact on PE
3	7 and 8	<p>Utilize Period 12 (2:35 – 3:05) for each music ensemble to meet on the assigned days:</p> <p>Day 1 – Band Day 2 – Chorus Day 4 – Orchestra</p> <p>(Each ensemble would have all students that day during period 11 and would continue right into period 12.)</p>	<p>Students with 4 cycle days of the same ensemble would now meet 3 days during period 11, and 1-day during period 12.</p> <p>Ensemble instruction remains the same.</p> <p>Students with 2 cycle days of 2 ensembles would meet on the assigned day during 11 and period 12.</p> <p>Ensemble instruction remains the same.</p>	Reduction of PE from 60 class sessions to 30 across the school year.

Non-Accelerated Math Students who are involved in Music Ensemble(s)

School Year	7th Grade - 4 days same ensemble	7th Grade - 2 days each for 2 ensembles	8th Grade - 4 days same ensemble	8th Grade - 2 days each for 2 ensembles	Total Students
22-23	15	1	14	3	16 - 7th Graders 17 - 8th Graders
23-24	5	3	14	5	8 - 7th Graders 19 - 8th Graders

Discussion?