## Merged District Curriculum Presentation

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Joint Board Study Session
February 10, 2021

## Remember: Why Now?

Declining Enrollments


Presentation K-5 Class Sizes, Course Offerings, and Teacher Complement in a Merged District

| Grade | MBG <br> Enrollment | UDA <br> Enrollment | Merged <br> Enrollment | Classroom <br> Teachers | Average <br> Class Size |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Kindergarten | 66 | 69 | 135 | 7 | 19 |
| Grade 1 | 40 | 80 | 120 | 6 | 20 |
| Grade 2 | 55 | 84 | 139 | 6 | 23 |
| Grade 3 | 57 | 68 | 125 | 6 | 21 |
| Grade 4 | 51 | 85 | 136 | 6 | 23 |
| Grade 5 | 47 | 74 | 121 | 5 | 24 |
| Totals: | 316 | 460 | 776 | 36 | 21.67 |

## K-5 Class Sizes, Course Offerings, and Teacher Complement in a Merged District

| Special Subject | Teachers/Counselors |
| :---: | :---: |
| Art | 1 |
| Guidance | 2 |
| Library Science | 1 |
| Music | 1 |
| Physical Education | 1 |
| World Language or STEM | 1 |
|  |  |
| Special Education Service | Teachers/Therapists |
| Learning Support | 5 |
| Speech and Language Support | 2 |
| Emotional Support | 1 |
| Autistic Support | 1 |
| Multiple Disabilities Support | 1 |
| TOTAL | 17 |

## Presentation

## K-5 Regular Education Class Size Comparisons

| District <br> Name | County | 2020-21 <br> Enrollment | Grade K <br> Average <br> Class Size | Grade 1 <br> Average <br> Class Size | Grade 2 <br> Average <br> Class Size | Grade 3 <br> Average <br> Class Size | Grade 4 <br> Average <br> Class Size | Grade 5 <br> Average <br> Class Size |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hanover | York | 1990 | 24 | 24 | 23 | 24 | 25 | 27 |
| Halifax | Dauphin | 932 | 20 | 24 | 22 | 23 | 25 | 26 |
| Lewisburg | Union | 1951 | 18 | 18 | 18 | 18 | 22 | 22 |
| Littlestown | Adams | 1901 | 18 | 23 | 23 | 20 | 24 | 22 |
| Mifflinburg | Union | 1947 | 17 | 17 | 16 | 18 | 21 | 19 |
| Susquenita | Perry | 1828 | 20 | 22 | 22 | 25 | 25 | 25 |
| Average |  |  | $\mathbf{1 9 . 5}$ | $\mathbf{2 1 . 3}$ | $\mathbf{2 0 . 7}$ | $\mathbf{2 1 . 3}$ | $\mathbf{2 3 . 7}$ | $\mathbf{2 3 . 5}$ |
| Merged | Dauphin | $\mathbf{1 8 6 9}$ | $\mathbf{1 9}$ | $\mathbf{2 0}$ | $\mathbf{2 3}$ | $\mathbf{2 1}$ | $\mathbf{2 3}$ | $\mathbf{2 4}$ |

## K-5 Special Education Teacher Complement Comparisons

| District Name | County | $\begin{aligned} & \text { 2020-21 } \\ & \text { Enrollment } \end{aligned}$ | Number of K-5 Learning Support Teachers | Number of K-5 <br> Speech <br> Therapists | Number of <br> K-5 <br> Emotional <br> Support <br> Teachers | Number of K-5 <br> Autistic <br> Support <br> Teachers | Number of K-5 <br> Multiple <br> Disabilities <br> Support <br> Teachers |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Merged | Dauphin | 1869 | 5 | 2 | 1 | 1 | 1 |
| Hanover | York | 1990 | 2 | 1 | 0 | 2 | (contracted) |
| Halifax | Dauphin | 932 | 2 | 1 | 1 | 1 | (contracted) |
| Lewisburg | Union | 1951 | 5 | 2 | 2 | 1 | (contracted) |
| Littlestown | Adams | 1901 | 4 | 1 | 1 | 0 | 1 |
| Mifflinburg | Union | 1947 | 4 | 2.5 | 2 | 2 | 1 |
| Susquenita | Perry | 1828 | 4 | 2 | 1 | 1 | 1 |

## K-5 Professional Staffing

| Position | Number Required in a Merged District | Current Number in Individual Districts (Combined) | Difference (+/-) |
| :---: | :---: | :---: | :---: |
| Pre-Kindergarten Teachers* | 1 | 1 | No Change |
| K-5 Classroom Teachers | 36 | 42 | (-6) |
| Special Education Teachers | 8 | 7.5 | (+.5) |
| Speech Therapists | 2 | 1 | (+1) |
| Reading Specialists (Title 1)* | 2 | 2 | No Change |
| Art Teachers | 1 | 2 | (-1) |
| Music Teachers | 1 | 2 | (-1) |
| Physical Education Teachers | 1 | 2 | (-1) |
| Library Science Teachers | 1 | 2 | (-1) |
| World Language or STEM Teachers | 1 | 0 | (+1) |
| School Counselors | 2 | 2 | No Change |
| School Nurses* | 1 | 1 | No Change |
| TOTALS | 57 | 64.5 | (-7.5) |

## Merged English Language Arts Course Offerings (6-12)

Click The Image To Open The Merged English Language Arts Couse Offerings PDF Document


## Merged English Language Arts Course Sequences (6-12)

Click The Image To Open The
Merged English (6-12)
Language Arts Course Sequences PDF


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## Merged Mathematics Course Offerings (6-12)

Click The Image To Open The Merged Mathematics Course Offerings PDF


## Merged Mathematics Course Sequences (6-12)

Click The Image To Open the Merged Mathematics
Course Sequences PDF


## Merged Science Course Offerings (6-12)



## Merged Science Course Sequences (6-12)

Click The Image To Open The Merged Science Couse Sequences PDF


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## Merged Social Studies Course Offerings (6-12)

Click The Image To Open
The Merged Social Studies
Course Offerings PDF
Document

| Merged Social Studies Course Offerings |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Merged | Hanover | Halifax | Lewisburg | Littestown | Mifflinburg | Susquenita |
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| *Not currently offered in either district*x As per PDE regulations, personal Finance can be taken for a social studies credit but can be taught by a teacher with Secondary Mathematics, Secondary Social Studies, or Business Education certification. |  |  |  |  |  |  |

## Merged Social Studies Course Sequences (6-12)

Click The Image To Open The Merged Social Studies


- Students may only enroll in Paced sequence courses with administrative permission.
- All Advanced Placement courses are weighted at 1.10 and all Honors courses are weighted at 1.05 - All electives are semester courses


## Presentation

## Professional Staffing Core Courses (6-12)

| Core Subject | Number of Teachers Required in a Merged District | Current Number of Teachers in Individual Districts (Combined) | Difference |
| :---: | :---: | :---: | :---: |
| English/Language Arts 6-12 | 10 | 12 | (-2) |
| Mathematics 6-12 | 10 | 11.5 | (-1.5) |
| Science 6-12 | 11 | 11 | No Change |
| Social Studies 6-12 | 10 | 11 | (-1) |
| Reading Specialist 6-8 | 1 | 1 | No Change |
| Learning Support 6-12 | 6 | 7 | (-1) |
| Emotional Support 6-12 | 2 | 3 | (-1) |
| Life Skills Support 6-12 | 2 | 2 | No Change |
| Totals | 52 | 58.5 | (-6.5) |

# Grades 6-12 Ancillary Course/Program Offerings and Teacher Complement 

| Ancillary Subject | Number of Teachers Required in a Merged District <br> (Grades 6-12) | Current Number of Teachers in Individual Districts (Combined) | Difference |
| :---: | :---: | :---: | :---: |
| Art | 3 | 3.5 | (-.5) |
| CTE Agriculture | 2 | 2 | No Change |
| Business | 3 | 4 | (-1) |
| CTE Building Trades | 1 | 1 | No Change |
| CTE Diversified Occupations | 1 | 1 | No Change |
| Driver Education | . 15 (facilitator) | . 15 (facilitator) | No Change |
| Family and Consumer Science | 1 | . 5 | (+.5) |
| Guidance | 3 | 4 | (-1) |
| Health and Physical Education | 5 | 8 | (-3) |
| Industrial Arts/Technology Education | 3 | 3 | No Change |
| Library Science | 2 | $2+1$ para | (-1 para) |
| Music | 3 | 4 | (-1) |
| World Languages | 2 | 3 | (-1) |
| Totals | 29 | 37 | (-8) |

## Special Education Out-of-District Educational Placements

MASD \& UDASD Out-of-District Educational Placements (2020-2021)
Disability categories: Autism, Emotional Support, Hearing Impaired,
Specific Learning Disability, and Multiple Disabilities Support.

| Grade Span (Number of Students) | Cost |
| :---: | :---: |
| K-5 (14) | $\$ 751,215$ |
| $6-8(6)$ | $\$ 276,698$ |
| $9-12(10)$ | $\$ 391,933$ |
| Totals: (30) | $1,419,846$ |

## Presentation

## Summary of Potential Position \& Expense Reductions in a Merged District

| Position | Change in Positions (PEL) | Savings (PEL) | Change in Positions (Admin) | Savings <br> (Admin) |
| :---: | :---: | :---: | :---: | :---: |
| Administrative | -3 | \$240,000 | -3 | \$240,000 |
| Professional Staff | -28 | \$1,764,000 | -22 | \$1,386,000 |
| Support Staff | -9 | \$243,156 | -9 | \$243,156 |
| Staff/Salary Reductions | -40 | \$2,247,156 | -34 | \$1,869,156 |
| Healthcare |  | \$351,902 |  | \$299,117 |
| SS/PSERS/UC/WC (23.08\%) |  | \$518,644 |  | \$431,401 |
| Total Recurring Savings |  | \$3,117,702 |  | \$2,599,674 |

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## Curriculum Advantages of a Merger

- A merged district will address the steady decline and projected decrease in student enrollment.
- A merged district may allow for sustainability and improvement of programs more efficiently with a reduction and cost savings of 21 teaching positions.
- A merged district may allow for the return of some outside contracted student support services which would create a cost savings to the taxpayers of both districts.
- A merged district will allow for class size averages to be comparable with area districts of similar size.
- A merged district will allow for special education supports (especially learning support) to be enhanced without additional special education teachers.


## Curriculum Advantages of a Merger

- Summary of program enhancements for secondary students in a merged district.
- Career and technology education program access; Vocational Agriculture; Building Trades; and Diversified Occupations.
- Drivers Education - Theory
- Family and Consumer Science (9-12) and Technology Education/Industrial Education (6-12)
- Enhanced school counselor support
- Enhanced Media Resource Centers
- English Language Arts: Advanced Placement Language and Composition
- Math: Harrisburg University Algebra I; Personal Finance.
- Science: Honors Electricity and Magnetism; Honors Waves, Sound, and Optics; PC Medical Terminology; PC Fundamentals of Chemistry; Harrisburg University Honors Biotechnology
- Social studies: Advanced Placement Government and Politics; Local History; and Honors Civics and Government.


## Remember: Why Now?

Declining Enrollments


## Questions from the Boards?

