

**CURRICULUM, INSTRUCTION AND TECHNOLOGY COMMITTEE
THURSDAY, June 20, 2017
GAUNTLETT CENTER BOARD ROOM**

PRESENT: **Committee:** Mr. Matt Bilker

Board: Mr. AJ Baker, Mr. Matt DeNucci

Administration: Dr. Constance Bompadre, Dr. Carol Cary

I. Call to Order

Mr. Bilker called the meeting to order at 7:50 p.m.

II. Pledge of Allegiance

Mr. Bilker led the audience in the Pledge of Allegiance.

III. Approval of Minutes

The May, 2017 minutes were approved by the committee.

IV. Approval of Agenda

The agenda was approved as presented.

V. Discussion/Informational Items

A. Tri-M Music Honor Society Mural – *Mr. Donald Tabar*

Two members of Chapter 764 of the Tri-M Music Honor Society, Ray Horn and Danny Eldabbas, proposed to the committee, a mural that would be located inside the Music Department of Marple Newtown High School. They included a picture of the design. The mural was designed by Bella Amen and depicts various activities and events that student musicians at Marple Newtown High School involve themselves with and participate in. Members of Tri-M Chapter 764 plan to collect donations from the community. This project will heavily involve students and Mrs. Karen Can has volunteered to help with the project. The project will commence at the beginning of the 2017-2018 school year.

B. Accelerated Math Update – *Dr. Richard Slonaker*

Dr. Slonaker explained to the committee that Math Acceleration begins for students who start in Grade 3 and Grade 6. Acceleration criteria are based on enVisionMATH benchmark scores and CDT scores. Students who do not meet the criteria may be placed in accelerated math based on parent request. No students are placed in accelerated math without parent approval. Dr. Slonaker said that there are 101 students in grade 3 accelerated math this year and 61 students in

grade 6 accelerated math. He also provided achievement data for grade 3 and grade 6. Additional information on the accelerated math programs are available on the Curriculum and Instruction page on the district website.

C. Attendance Policy 204 – Mrs. Jacqueline Litz

Mrs. Litz explained to the committee the difference between habitual truancy and truancy. Habitual truancy means 6 or more school days of unexcused absences during the current school year by a child subject to compulsory school attendance. Truant means 3 or more school days of unexcused absences during the current school year by a child subject to compulsory school attendance. Unexcused absence means no documentation supporting the absence. Mrs. Litz further explained that the District will provide notice to the parent/guardian upon each incident of an unexcused absence. The notice may include the offer of a School Attendance Improvement Conference. Neither the student nor the parent/guardian shall be required to attend the conference. The conference will still occur. The outcome of the conference shall be documented in a written School Attendance Improvement Plan. The plan shall be retained in the student's file. A copy will be provided to the parent/guardian, student and appropriate district staff. The district may not take further legal action to address unexcused absences until after the date of the scheduled School Attendance Improvement Conference has passed.

D. Parent and Family engagement Policy 918 – Dr. Constance Bompadre

This is why Dr. Bompadre explained that Policy 918 has been completely revamped. Some of the changes include an annual evaluation that parents receive of the Title I program at the Parent Advisory Meeting, which meets annually. Title I parents are invited to review and revise current Parent Involvement Policies. The District will coordinate and integrate parent and family engagement strategies to encourage and support parents in fully participating in the education of their children. The District, with the assistance of Title I schools, will provide materials and training on such topics as literacy training and using technology to improve their children's academic achievement.

E. Discussion Item: STEM\3D Printing – Mr. Christopher Lee and Dr. Josephine Johnston

Mr. Lee and Dr. Johnston would like to expand the STEM program by adding more 3D printers at the middle and high schools. Dr. Johnston said that students will be able to design and analyze prototypes and create real devices with the additional 3D printers. Mr. Lee said that the program could be financed over the next 5 years. The cost of 21 3D printers would be \$8509.50 per year over 5 years.

The following motions have been moved along to the full Board.

Policies:

- A. Motion to approve the first reading of the Attendance Policy 204.
- B. Motion to approve the first reading of the Parent and Family Engagement Policy 918.
- C. Motion to approve the second reading of the Wellness Policy 246.
- D. Motion to approve the second reading of the Food Services Policy 808.
- E. Motion to approve the second reading of the Diabetes Management **Policy 209.2.**

Mural:

- F. Motion to approve a Mural for the Spring Service Project by the Tri-M Music Honor Society at the High School. The Mural would span the side of the ramp connecting the music department to the rest of the school and the auditorium lobby.

Student Trips:

- G. Motion to approve Ms. Tracy Jacobson, counselor, Mr. Mike Winterbottom, teacher, and Mr. Brian Isselmann, teacher to accompany 40 L.I.N.K. students to travel to the South Mountain YMCA Camp, just outside of Reading, Pennsylvania on October 20-22, 2017. The cost per student is \$200.00. There is no cost to the district.

Band Trips:

- H. Motion to approve Mr. Mike Massimo, teacher, to accompany the High School Band to travel to Camp Canadensis, Pennsylvania on August 24-28, 2017 to learn and to finalize their performance for Fall football games and competitions. The total cost per student is \$375.00 paid by the students. There is no cost to the district.
- I. Motion to approve Mr. Michael Massimo, teacher, to accompany the High School Band to travel to the J. Birney Crum Stadium in Allentown, Pennsylvania on November 12, 2017 to perform in a field show. The total cost to the District is \$1840.00.
- J. Motion to approve Mr. Michael Massimo, teacher, to accompany the High School Band to travel to the L Douglas Wilder Performing Arts

Center in Virginia Beach, Virginia on April 26-29, 2018 to give the students a chance to receive ratings and comments regarding their performance. The total cost per student is approximately \$450.00 paid by the students. There is no cost to the district.

Choir Trips:

- K. Motion to approve Mr. Chris Vogel, teacher, to accompany the High School Choir to travel to New York City, New York on August 2, 2017 to watch a professional Broadway performance of the Disney Musical, Anastasia. The experience will provide students the opportunity to make College decisions about careers in the performing arts in the 21st century. The total cost per student is \$150.00 paid by the students. There is no cost to the district.
- L. Motion to approve Mr. Chris Vogel, Mrs. Mary Anne Hrin, and Mr. Michael Massimo, teachers, to accompany the High School Choir to travel to Niles West High School outside of Chicago, Illinois on February 12-18, 2018. They will be partnering with students from another High School in Skokie, Illinois to perform and learn new music. The total cost per student is approximately \$675.00 paid by the students. There is no cost to the district.

Technology:

- M. To approve the purchase of 21 3D printers through HP Financial Services in the amount of \$ 7,147.88 a year for five years.

Donations:

- N. Motion to approve the donation of the following 150 AAAS/Subaru SB&F Prize Winning and Finalist Books by Rafferty Subaru in Newtown Square, Pennsylvania to Loomis Elementary School.

20 - Tooth by Tooth: Comparing Fangs, Tusks, and Chompers.
by Sarah C. Levine (author) and T. S. Spookytooth (illustrator). Millbrook.

20 - A Beetle is Shy.
by Dianna Hutts Aston and Sylvia Long (illustrators). Chronicle.

20 - Grow! Raise! Catch!: How We Get Our Food.
by Shelly Rotner and Holiday House.

20 - Crow Smarts: Inside the Brain of the World's Brightest Bird.
by Patricia Turner. Houghton Mifflin Harcourt.

20 - Fish Tricks: The Wild and Wacky World of Fish.
by Haude Levesque. Moon Dance Press.

20 - Hopping Ahead of Climate Change.
by Sneed Collard III. Bucking Horse Press.

5 - Because of an Acorn.
by Lola M. Schaefer (author), Adam Schaefer (author), Fran Preston-Gannon (illustrator). Chronicle.

5 - Solving the Puzzle Under the Sea: Marie Tharp Maps the Ocean Floor.
by Robert Burleigh (author) and Raul Colon (illustrator). Simon & Schuster, Paula Wiseman Books.

5 - Ricky's Atlas: Mapping a Land on Fire.
by Judith L. Li and M. L. Herring. Oregon State University Press.

5 - Amazing (Mostly) Edible Science: A Family Guide to Fun Experiments in the Kitchen.
by Andrew Schloss. Quarry Books.

5 - Outdoor Science Lab for Kids, 52 Family-Friendly Experiments for the Yard, Garden, Playground, and Park.
by Liz Lee Heinecke. Quarry Books.

5 - Treecology: 30 Activities and Observations for Exploring the World of Trees and Forests.
by Monica Russo and Kevin Byron. Chicago Review Press.

Purchases:

O. Motion to approve the purchase of the following textbooks, software and equipment approved by the School Board on April 25, 2017:

WORLD LANGUAGES

French AP (High School)

1. Vista Higher Learning, Themes 1e Student Edition + Supersite Plus (vTest (Online) (6 year license) (eDelivery), ISBN 9781680040357
2. Vista Higher Learning, Themes 1e Teacher Resource Box, ISBN 9781680040333

French AP Test Prep (High School)

1. Barron's AP French Language and Culture with MP3 CD

Spanish AP (High School)

1. Wayside Publishing, Triangulo Aprobado, 5th Edition, Hardcover (includes 1 year of Explorer), ISBN 9781938026409
2. Wayside Publishing, Triangulo Aprobado, 5th Edition – Teacher Edition, Softcover, ISBN 9781938026430
3. Wayside Publishing, Triangulo Aprobado, 5th Edition – Audio Program on DVD, ISBN 9781938026454

SOCIAL STUDIES SUPPLEMENTAL MATERIALS (Secondary)

1. Capstone Classroom, Ancient China, ISBN 9781429694735
2. Capstone Classroom, Ancient Rome, ISBN 9781429672405
3. Capstone Classroom, Battle Over Slavery, ISBN 978149142278
4. Capstone Classroom, D-Day, ISBN 9781432993078
5. Capstone Classroom, Daily Life in Ancient Rome, ISBN 9781484608388
6. Capstone Classroom, Daily Life in Ancient Sumer, ISBN 9781484625903
7. Capstone Classroom, Indus Valley, ISBN 9781484637258

SOCIAL STUDIES SUPPLEMENTAL MATERIALS (Secondary)

1. Rosen Classroom, Dred Scott Decision, ISBN 9781566962605
2. Rosen Classroom, The Civil War, ISBN 9781566960458
3. Rosen Classroom, Secession, ISBN 9781566961509
4. Rosen Classroom, Manifest Destiny, ISBN 9781566962780
5. Rosen Classroom, Triangle Shirtwaist Fire, ISBN 9781566962513
6. Rosen Classroom, Wounded Knee and Ghost Dance Religion, ISBN 9781566961899
7. Rosen Classroom, American Revolution, ISBN 9781566960960

8. Rosen Classroom, The Slave Trade and Its Abolition, ISBN 9781566961691
9. Rosen Classroom, World War I Close Up, ISBN 9781499461640
10. Rosen Classroom, World War II: Northwest Europe, ISBN 9781435891296
11. Rosen Classroom, The Civil War Gettysburg, ISBN 9781448803880
12. Rosen Classroom, World War I 1914-1918, ISBN 9781566961523
13. Rosen Classroom, Underground Railroad, ISBN 9781566962582
14. Rosen Classroom, The Holocaust, ISBN 9781566960137
15. Rosen Classroom, Martin Luther, ISBN 9781566960700
16. Rosen Classroom, Columbus & the Age of Explorers, ISBN 9781566960090
17. Rosen Classroom, The French Revolution, ISBN 9781566960564
18. Rosen Classroom, The Rise of Napoleon, ISBN 9781566961196
19. Rosen Classroom, Assassination at Sarajevo, ISBN 9781566963039
20. Rosen Classroom, The Coming of War 1939, ISBN 9781566960496
21. Rosen Classroom, The Russian Revolution, ISBN 9781566960601
22. Rosen Classroom, The Balkans: Ethnic Conflict, ISBN 9781566961158
23. Rosen Classroom, Transcontinental Railroad: Built by Immigrant Laborers, ISBN 9781566961714
24. Rosen Classroom, The Causes of the Civil War, ISBN 9781433975363
25. Rosen Classroom, Decisive Battles, ISBN 9781433975400

SOCIAL STUDIES – K-5

TCI Licensing Extension – one year

1. Student Subscription – America's Past, copyright 2010, Item Number: 8766-01
2. Teacher Subscription – America's Past, copyright 2010, Item Number:

8841-01

3. Teacher Subscription - Me & My World, copyright 2010, Item Number: 7592-01
4. Student Subscription – My Community, copyright 2010, Item Number: 8018-01
5. Teacher Subscription – My Community, copyright 2010, Item Number: 8117-01
6. Student Subscription - My School and Family, copyright 2010, Item Number: 7769-01
7. Teacher Subscription – My School and Family, copyright 2010, Item Number: 7868-01
8. Student Subscription – Our Community and Beyond, copyright 2010, Item Number: 8261-01
9. Teacher Subscription – Our Community and Beyond, copyright 2010, Item Number: 8346-01
10. Student Subscription – Regions of Our Country, copyright 2010, Item Number: 8513-01
11. Teacher Subscription – Regions of Our Country, copyright 2010, Item Number: 8599-01

SOCIAL STUDIES – Grade 6

TCI Licensing

1. Student Subscription – HA! The Ancient World, copyright 2017, Item Number: 2153-06
2. Teacher Subscription – HA! The Ancient World, copyright 2017, Item Number: 2153-06
3. Teacher Subscription – GA! Regions and People, copyright 2011, Item Number: 4522-06

SOCIAL STUDIES (Grade 7) Student Resources

1. HMH Social Studies: United States History: Beginnings to 1877, Hybrid Student Resource Package (6 yr. Print/6 yr. Digital), ISBN 978132869850

2. HMH Social Studies: United States History: Beginnings to 1877, Student Resource Package (6 year), ISBN 9781328571157

SOCIAL STUDIES (Grade 7) Teacher Resources

1. HMH Social Studies: United States History: Beginnings to 1877, Teacher Resource Package (6 yr. Print/6 yr. Digital), ISBN 9781328698698

SOCIAL STUDIES (Grade 8) Student Resources

1. HMH Social Studies: United States History: Beginnings to 1877, Hybrid Student Resource Package (6 yr. Print/6yr. Digital), ISBN 9781328698520
2. HMH Social Studies: United States History: Beginnings to 1877, Student Resource Package (6 year), ISBN 9781328751157

SOCIAL STUDIES (Grade 8) Teacher Resources

1. HMH Social Studies: United States History: Beginnings to 1877, Teacher Resource Package (6 yr. Print/6 yr. Digital), ISBN 9781328698698

SOCIAL STUDIES (Grade 9) Student Resources

1. HMH Social Studies: Modern World History Hybrid Student Resource Package (1 yr. Print/6 yr. Digital), ISBN 9781328706614
2. HMH Social Studies: Modern World History Digital Student Resource Package (6 year), ISBN 9781328755513

SOCIAL STUDIES (Grade 9) Teacher Resources

1. HMH Social Studies History: Modern World History Premium/Hybrid Teacher Resource Package Print/6 yr. Digital, ISBN 9781328706539

SOCIAL STUDIES (Grade10) Student Resources

1. HMH Social Studies: Modern World History Hybrid Student Resource Package (1 yr. Print/6 yr. Digital), ISBN 9781328706614
2. HMH Social Studies: Modern World History Digital Student Resource Package (6 year), ISBN 9781328755513

SOCIAL STUDIES (Grade10) Teacher Resources

1. HMH Social Studies History: Modern World History Premium/Hybrid Teacher Resource Package Print/6 yr. Digital, ISBN 9781328706539

SOCIAL STUDIES (Grade10) Student Resources for World Civilizations II Honors

1. National Geographic Cengage Voyages in World History (AP Edition) 3rd Ed. Valerie Hansen; Ken Curtis ISBN-13: 9781305659568
2. National Geographic Cengage Voyages in World History (AP Edition) 3rd Ed Mindtap ISBN-13: 9781305659636

SOCIAL STUDIES (Grade 10) Student Resources for AP World History

1. National Geographic Cengage Voyages in World History (AP Edition) 3rd Ed. Valerie Hansen; Ken Curtis ISBN-13: 9781305659568
2. National Geographic Cengage Voyages in World History (AP Edition) 3rd Ed Mindtap ISBN-13: 9781305659636

SOCIAL STUDIES (Grade 10) Student Resources for AP European History

1. MacMillan A History of Western Society Twelfth Edition copyright 2017 ISBN-10-1-319-04040-6
2. MacMillan A History of Western Society Twelfth Edition copyright 2017 Online Resource ISBN-10-1-319-04040-6

SOCIAL STUDIES (Grade 11) Student Resources for 20th Century American

1. National Geographic Cengage American Pageant 16th ed. ISBN-13: 9781337227469
2. National Geographic Cengage American Pageant 16th ed. Mindtap ISBN-13: 9781337090193

SOCIAL STUDIES (Grade 11) Student Resources for American Studies

1. National Geographic Cengage American Pageant 16th ed. ISBN-13: 9781337227469
2. National Geographic Cengage American Pageant 16th ed. Mindtap ISBN-13: 9781337090193

SOCIAL STUDIES (Grade 11) Student Resources for AP US History

1. National Geographic Cengage American Pageant AP 16th ed. ISBN-13: 9781337090155

2. National Geographic Cengage American Pageant AP 16th ed. Mindtap ISBN-13: 9781337090186

SOCIAL STUDIES (Grade 11) Teacher Resources for AP US History

1. National Geographic Cengage American Pageant AP 16th ed. Instructors Ed. ISBN-13: 9781337090162

SOCIAL STUDIES (Grade 12) Student Resources

1. Econ Alive! The Power to Choose 2015: student Bundle, Product Code TB-0458-7
2. Econ Alive! The Power to Choose 2015: student Subscription, Product Code 0458-7
3. Gov Alive! Power, Politics, & You 2014 student Subscription, Product Code 0229-7
4. Gov Alive! Power, Politics, & You 2014 student Bundle, Product Code TB- 0229-7

SOCIAL STUDIES (Grade 12) Student Resources

1. National Geographic Cengage Principles of Economics AP Mankiw 8th Ed. ISBN 13-9781337760614
2. National Geographic Cengage Principles of Economics AP Mankiw 8th Ed. ISBN 13-9781337292658

SOCIAL STUDIES (Grade 12) Student Resources

1. National Geographic Cengage American Government: Institutions & Policies 15th Student Ed. ISBN 13-9781305899414
2. National Geographic Cengage American Government: Institutions & Policies 15th Mindtap ISBN 13-9781305504943

MATHEMATICS – High School

Calculus AP

Finney, Demana, Waits, et.al., Calculus: Graphical, Numerical, Algebraic, 5th Edition, copyright 2016, Pearson Education

1. Advanced Placement Calculus, 2016, Calculus: Graphical, Numerical, Algebraic, 5th Edition, Student Edition + MyMathLab 6-year License, ISBN 9780133314571

2. Advance Placement Calculus, 2016, Calculus: Graphical, Numerical, Algebraic, 5th Edition, Test Prep, ISBN 9780133314588
3. Advanced Placement Calculus, 2016, Calculus: Graphical, Numerical, Algebraic Solutions Manual, ISBN 9780133314595
4. Advanced Placement Calculus, 2016, Calculus: Graphical, Numerical, Algebraic, 5th Edition, Teacher Edition, ISBN 9780133311624

MATH (Discrete Math) Student Resources

1. Pearson Excursions in Modern Mathematics 9E SE = MyMathLab for School 6 year
ISBN 978-0-13-460496-1

MATH (Discrete Math) Teacher Resources

1. Pearson Excursions in Modern Mathematics 9E
ISBN 978-0-13-446908-9
2. Pearson Excursions in Modern Mathematics 9E Solutions Manual
ISBN 978-0-13-446913-3

MATH (Pre Calculus) Student Resources

1. Pearson Pre Calculus 6E SE + MyMathLab for School 6 year
ISBN 978-0-13-460515-9

MATH (Pre Calculus) Teacher Resources

1. Pearson Pre Calculus Annotated Instructors Edition
ISBN 978-0-13-447007-8
2. Pearson Pre Calculus Learning Guide
ISBN 978-0-13447010-8
3. Pearson Pre Calculus Student Solutions Manual
ISBN 978-0-13-447003-0

SCIENCE

Textbooks (Grades 10,11,12)

1. Wildlife Heroes: 40 Leading Conservationists and the Animals They Are Committed to Saving, Scardina & Flocken, Running Press Book Publishers, 2012, ISBN 9780762443192
2. Animal Behavior and Wildlife Conservation, Festa-Bianchet & Appolonio, Island Press, May 2003, ISBN 9780762443192