

**CURRICULUM, INSTRUCTION AND TECHNOLOGY COMMITTEE  
THURSDAY, May 17, 2018  
GAUNTLETT CENTER BOARD ROOM**

**PRESENT:**            **Committee:** Mrs. Barbara Harvey, Mr. Matt Bilker

**Board:**

**Administration:** Dr. Constance Bompadre, Mr. Chris Lee, Dr. Tina Kane,  
                                  Mr. Don Tabar, Dr. Dorie Pitone, Mr. Chris Oakes, Dr. Jo Johnston

**I. Call to Order**

Mr. Bilker called the meeting to order at 7:30 p.m.

**II. Pledge of Allegiance**

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

**III. Approval of Minutes**

The April, 2018 minutes were approved by the committee.

**IV. Approval of Agenda**

The agenda was approved as presented.

**V. Discussion/Informational Items**

**A. Technology Project at PHMS – *Dr. David Beasley and Students***

Dr. Beasley shared and discussed with the committee the 3-D innovative project that helped a classmate at Paxon Hollow Middle School. Four students watched a video about the making of a prosthetic hand. Dr. Beasley said that the design came from a website and took 20 hours to print. The device was fitted and printed for their classmate. A student spoke about her interest in using a 3-D printer and the possibility of pursuing a career in prosthetic development.

**B. The High School Robotics Team – *Mr. Donald Sloat and Students***

Mr. Don Sloat shared with the committee that the Robotics Club has been in existence for 5 years, along with the assistance of Mrs. Jess Protesto. He expressed his desire to change the name to First Tech Challenge. He finds it a more descriptive name. The First Tech Challenge consists of 1 freshmen team, an all girls team and 2 co-ed teams.

There is a new game challenge each year. The budget is approximately \$1200-\$2000. There are 8 categories where students have to develop and implement a business plan, raise money, find sponsors, help other teams and purchase new technology.

Fran Fazio and Xuan Lai He demonstrated several robots and said that the tasks are rated according to difficulty. They used a 3D printer to make the parts. The competition was held in February.

Mr. Sloat expressed admiration for the hard work that the students put into the design of their robots.

### **C. Future Cities from PHMS – *Dr. Elise Miranda-Martin and Mrs. Christina Rainville***

Mrs. Rainville explained that Future Cities is a project based learning program where students manage, research, design and build a city, using SIM City software. The city must be 100 years in the future. Both teachers worked with grades 6,7,8 Gifted Homeroom students. This year's design challenge was to build an environmentally and age friendly city for senior citizens. Students take 4 months to complete the project, using 5 components. They learn about city planning, problem solving, taxes and infrastructure. The project is also aligned to the PA Core in science and math. There is a regional competition in January and STEM Awards are given in April by the PSPE (Pennsylvania Society of Professional Engineers).

### **D. English Language Program K-12 – *Dr. Dorie Martin-Pitone, Mrs. Sarah Winterbottom, Mrs. Marguerite Stathes, Mrs. Patrice Scalpato***

The English Language Program has 116 active students from over 30 different countries. Title III sponsors field trips, classroom materials, Family Fun Night, ELL Summer School and an EL Assistant.

At the beginning of the new school year, EL students are identified. There are conferences with parents and EL teachers, as well as classroom teachers. The EL Family Fun Night occurs at the beginning of the school year.

During the winter, students take the PA State ACCESS Test and Alternate ACCESS test.

At the beginning of Spring, students take PSSA's and Keystones. There are Parent /Teacher Conferences. In June, the EL teachers hold a Parent Tea. EL students also take an end of year field trip. Some of the trips taken have included the Eastern State Penitentiary, Colonial Plantation, and Elmwood Zoo.

There is a 5 week EL Summer School Program, held at Culbertson, which is funded by Title III. It is run as a camp format (social and academic).

## **Public Comment**

An audience member asked Mr. Bilker if a new superintendent was selected. He replied that personnel issues are not discussed at public meetings.

The audience member asked Dr. Bompadre about class size enrollment. Dr. Bompadre said that in the spring, class size is monitored each week, as the summer progresses, it is monitored daily. She explained that the Board has always been willing to add teachers, if necessary, or add assistants. Dr. Bompadre also noted that 9<sup>th</sup> grade enrollment is up.

A parent spoke to the committee about “bring your own devices”.

A parent spoke to the committee of difficulties her child was having with math and asked about additional support.

## **VI. Motions**

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

### **Policies:**

- A. Motion to approve the second reading of the Curriculum Policy #105.**
- B. Motion to approve the second reading of the Foreign Exchange Students Policy #239.**

### **Technology:**

- C. Motion to approve the purchase of a laser engraver from Forest Scientific Corporation at a cost of \$23,259.80. PEPPM Contract 2018.**

### **Administrative Trip:**

- D. Motion to approve Patrice Lawrence, Adrian Scipione and Pradip Desai, transportation employees, to attend and participate in the 42<sup>nd</sup> Annual Pennsylvania School Bus Safety Competition in State College, Pennsylvania on June 22-23, 2018. The cost of the registration is \$50.00 per employee. The cost of lodging is \$94.61 per employee. The total cost to the district is \$433.83.**
- E. Motion to approve Christopher Oakes to attend the Pennsylvania Computer Science for All Summit Conference in Harrisburg, Pennsylvania on June 26-28, 2018. There is no cost for the conference. The cost of lodging is \$199.78. The cost of travel is \$103.00. The total cost to the district is \$302.78.**

**Student Trips:**

- F. Motion to approve Nicole Wagner, teacher, to accompany 15 students from PHMS to travel to Cost Rica for 5 days between June 20 and 30, 2019. Exact dates are to be determined. The total cost per student is between \$1935.00 and \$2435.00 paid by the students. There is no cost to the district.**
- G. Motion to change the date of the April Board approved Paxon Hollow Middle School trip to Montreal and Quebec, Canada from June 26-29, 2019 to June 19-23, 2019.**

**Athletic Trips:**

- H. Motion to approve Steve Resnick, coach, to accompany the MNHS varsity wrestling team to travel to Chambersburg, Pennsylvania on December 28-29, 2018 for a wrestling tournament. The cost of transportation is \$1195.41 paid by the district. The cost per student athlete for lodging is \$28.57 paid by students. The cost of the entry fee is \$400.00 paid by the district. The total cost to the district is \$1595.41.**

**Summer Study:**

- I. Motion to approve the creation of and the funding for a summer study program for students entering grades 1-5 as presented at the April CIT meeting.**

**Disposal of Books for Worrall Elementary School:**

- J. Motion to approve the following books for disposal or donation:**

**Compton's Encyclopedia  
Copyright Date 1992  
Publisher: Compton's Learning Company, Chicago  
26 Volume Set**

**Children's Britannica  
Copyright Date 1994  
Publisher: Encyclopedia Britannica, Inc., Auckland  
20 Volume Set**

**Disney's World of Discovery  
Copyright Date 1981  
Publisher: Grolier Incorporated, Walt Disney Productions,**

**Danbury, CT 9 Volume Set**

**Library of the Oceans**

**Copyright Date 1998**

**Publisher: Grolier Educational, Danbury, CT**

**12 Volume Set**

**The Grolier Children's Encyclopedia**

**Copyright Date 1994**

**Publisher: Grolier Educational Corp., Danbury, CT**

**10 Volume Set**

**The New Book of Knowledge**

**Copyright Date 1993**

**Publisher: Grolier Incorporated, Danbury, CT**

**21 Volume Set plus a Home and School Reading and Study Guide**

**Heinemann First Encyclopedia**

**Copyright Date: 1999**

**Publisher: Heinemann Library**

**11 Volume Set plus a Resource Guide**

**Childcraft – The How and Why Library**

**Copyright Date: 1982**

**Publisher: World Book – Childcraft International, Inc.**

**14 Volume Set**

**The World Book Student Discovery Encyclopedia**

**Copyright Date: 2000**

**Publisher: World Book, Inc., A Scott Fetzer Company, Chicago**

**13 Volume Set**

**Webster's Third New International Dictionary**

**Copyright Date: 1981**

**Publisher: G. & C. Merriam Company, Springfield, Mass.**

**1 book**

**Indigenous Peoples of the World**

**Copyright Date: 1995**

**Publisher: Grolier Educational Corporation**

**12 Volume Set**

**The World Book Encyclopedia**

**Copyright Date: 1999**

**Publisher: World Book, Inc., a Scott Fetzer Co.**

**22 Volume Set**

**The World Book Encyclopedia**

**Copyright Date: 1994**

**Publisher: World Book, Inc., a Scott Fetzer Co.**

**22 Volume Set**

**Young Students Learning Library**

**Copyright Date: 1991**

**Publisher: Field Publications, Weekly Reader Books**

**22 Volume Set**

**World Almanac for Kids**

**Copyright Date: (1) 1997, (1) 1998, (1) 1999, (1) 2000, (1) 2001, (3) 2004, (2) 2005, (4) 2007, (3) 2009, (2) 2110, (2) 2011**

**Publisher: World Almanac Education Group**

**21 total books**

**Young People's Animal Encyclopedia**

**Copyright Date: 1980**

**Publisher: Children's Press, Chicago**

**23 Volume Set**

**Science in Our World**

**Copyright Date: 1991**

**Publisher: Atlantic Europe Publishing Co., Ltd.**

**15 Volume Set**

**Encyclopedia of Insects and Arachnids**

**Copyright Date: 1975**

**Publisher: BPC Publishing, Ltd.**

**1book**

**The Birds of America**

**Copyright Date: 1965**

**Publisher: The Macmillan Co.**

**1book**

**A History of Artillery**

**Copyright Date: 1974**

**Publisher: Hamlyn**

**1book**

**The Audubon Society Encyclopedia of Animal Life**  
**Copyright Date: 1982**  
**Publisher:Clarkson N. Potter, Inc.**  
**1book**

**Time Life Understanding Science and Nature**  
**Copyright: Date: 1992**  
**Publisher:Time Life, Inc.**  
**7 Volume Set**

**The Grolier Encyclopedia of Science and Technology**  
**Copyright Date: 1994**  
**Publisher:Grolier Educational Corporation**  
**13 Volume Set**

**The World Book Encyclopedia of Science**  
**Copyright Date: 1989**  
**Publisher:World Book, Inc., A Scott Fetzer Co.**  
**8 Volume Set**

**The Grolier Illustrated Encyclopedia of Animals**  
**Copyright Date: 1994**  
**Publisher:Grolier Educational Corp.**  
**8 Volume Set**

**Exploring Our World**  
**Copyright Date: 1992**  
**Publisher:Grolier Educational Corp.**  
**13 Volume Set**

**Earth Science**  
**Copyright Date: 2000**  
**Publisher:Grolier Educational**  
**8 Volume Set**

**The Grolier Illustrated Library of the Environment**  
**Copyright Date: 1995**  
**Publisher:Atlantic Europe Publishing Company Limited**  
**6 Volume Set**

**World Book Encyclopedia**  
**Copyright Date: 2002**  
**Publisher:World Book, Inc.**  
**22 Volume Series with 1 Special Census Edition**

**Encyclopedia of the Animal World**  
**Copyright Date: 1977**  
**Publisher: Bay Books Sydney**  
**Number of Books: 21 Volume Set**

**The Pet Encyclopedia**  
**Copyright Date: 1981**  
**Publisher: The Varsity Co., Nashville**  
**1book**

**The Macmillan Wild Flower Book**  
**Copyright Date: 1954**  
**Publisher: The Macmillan Co.**  
**1book**

**Fantastic Book of 1001 Lists**  
**Copyright Date: 1999**  
**Publisher: DK Publishing**  
**1book**

**The Love of Birds**  
**Copyright Date: Can't locate**  
**Publisher: Crown Publishers**  
**1book**

**The Fossil Book**  
**Copyright Date: 1958**  
**Publisher: Doubleday and Co., Inc.**  
**1book**

**Birds of the World**  
**Copyright Date: 1961**  
**Publisher: Golden Press, Inc.**  
**1book**

**Scholastic Book of World Records 2008, 2010, 2013**  
**Copyright Date: 2007, 2009, 2012**  
**Publisher: Scholastic, Inc.**  
**3 books**

**The Guinness Book of World Records, 1998 and 2003**  
**Copyright Date: 1997 and 2003**  
**Publisher: Guinness**  
**2books**



**The American Book of Days**  
**Copyright Date: 1937**  
**Publisher: The H. W. Wilson C**  
**1book**

**The MacMillan Book of Fascinating Facts**  
**Copyright Date: 1989**  
**Publisher: MacMillan Publishing Co.**  
**1book**

**Lands and People**  
**Copyright Date: 1983**  
**Publisher: Grolier, Inc**  
**6 Volume Set plus an Index Book**

**Lands and People**  
**Copyright Date: 1999**  
**Publisher: Grolier, Inc.**  
**6 Volume Set plus and Index Book**

**Junior Authors and Illustrators**  
**Copyright Date: 1978, 1983, 1989**  
**Publisher: The H.W. Wilson Co.**  
**3 books**

Meeting adjourned at 8:40.

Respectfully submitted,

Carolyn M. Paine