

**Spring-Ford Area School District
Extra-Curricular Committee
Board Committee Members**

Mr. Tom DiBello (Chair), Mark Dehnert, Dawn Heine

MEETING AGENDA/MINUTES

Meeting Date: Wednesday May 10, 2017 – District Office Conference Room – 6:30pm

Attendance: Mr. Dehnert, Mrs. Heine, Mr. DiBello (via phone), Mr. Reigner, Mr. Cromley, Mrs. Flynn, Mr. Racich, Mr. Carre`, Dr. Roche

Agenda:

- Acceptance of Minutes from April 2017
 - Presentation: High School Activities: Technology Club
 - Presentation by Mrs. Flynn
 - 2016-2017 Tech Club Officers
 - President: Prem Bharatia
 - Co-Vice Presidents: Nandini Patel & Adit Jain
 - Treasurer: Chris Lambert
 - Secretary: Rahil Mehta
 - Faculty Advisor
 - Mission
 - To provide students opportunities to explore STEM areas of interest beyond classroom instruction and to foster the pursuit of high-demand technical careers.
 - Active Members: 45
 - Interest and Activity Areas:
 - VEX Robotics Competitions
 - Girl Powered STEM Event
 - PClassic Programming Competition
 - Regional and State Computer Fairs
 - Cybersecurity CTF Contests on national level
 - Service to Spring-Ford Community
 - VEX Robotics Competitions
 - January 28, 2017 Knights, Newtown Square
 - February 4, 2017 West Shore, Shiremanstown
 - February 18, 2017 Home, Spring-Ford
 - March 4, 2017 State Championship, Norristown
 - August 2017, Summer VEX Robotics Camp at Widener University-Tricia Flynn
 - <http://www.widener.edu/academics/schools/engineering/outreachprograms/vex.aspx>
 - Girl Powered STEM Event
 - October 11, 2016, Spring-Ford 9th Grade Building
 - Program to promote STEM interests to 6-12th grade girls in the Spring-Ford community
 - Keynote presentations by local female engineers
 - Various hands-on activities

- Snap circuits
 - Sphero robots
 - Lego Mindstorms robots
 - Makey-makey
 - VEX Robotics
- PClassic Programming Competition
 - PClassic Fall, November 12, 2016, University of Pennsylvania
 - Challenging coding competition utilizing Java and/or Python languages
 - College level computer science lectures by UPenn faculty
 - Beginner and advanced divisions to appeal to a wide student population
- MCIU & PA State Computer Fair
 - MCIU Regional Computer Fair: March 7, 2017
 - Programming Category 1st Place: Robert Meade, Kepler Orbit Simulator 2D
 - Programming Category 2nd Place: Chris Lambert, Pencil Sketch Photos
 - Website Design Category 2nd Place: Ryan Weast and Aarushi Jadhav, Weastie.com
- PA State Computer Fair: May 23, 2017 (regional 1st place winners only)
 - Programming Category, Pending: Robert Meade, Kepler Orbit Simulator 2D
- Cybersecurity CTF (Capture The Flag)
 - A CTF event is an online cybersecurity contest where participants must reverse engineer, break, hack, decrypt, or do whatever it takes to solve challenges and “capture the flag”.
 - picoCTF: Carnegie Mellon University, March 31 - April 14, 2017
 - 12,576 total teams from around the world
 - 6th Place Team: Robert Meade, Ryan Weast, Chris Lambert
 - 559th Place Team: Connor Boham
 - PACTF: Phillips Academy, MA, Round 1: April 16 - 23, 2017, Round 2: April 24 - 30, 2017
 - 839 total teams
 - 2nd Place Team: Robert Meade, Ryan Weast, Chris Lambert
 - 87th Place Team: Axel Kalbach & Kyle McNulty
 - 332nd Place Team: Sam Bluestone, Liam Hoffman, Kent Kaing, Zach Hayes
 - HSCTF: West Windsor-Plainsboro High School, NJ, May 20 - 27, 2017
 - TBD
- Service to Spring-Ford Community
 - Ryan Weast: Developing new website for the Spring-Ford Alumni Association
 - Kent Wirant: Developing elementary school lunch ordering desktop application
 - Nandini Patel, Rahil Mehta, & Megan Englert: Summer Cool School program “Future Engineers Unite”
- Tech Club Finances 2016-2017
 - Expenses:
 - Transportation: \$900
 - VEX Equipment: \$2000
 - VEX Event Registrations: \$500
 - Income:
 - VEX Home Competition: \$2500
 - Lockheed Martin STEM grant: \$2000
 - Current Account Balance of \$1300 to be used for:
 - Tools, robot components, and supplies

- Field equipment & game elements for 2018 season
 - Future Plans
 - Host dual-division home VEX Robotics Competition in 2018
 - Seek corporate sponsorship and fundraising opportunities
 - Expand CTF contest knowledge base to develop additional Spring-Ford expertise
 - Expand Mobile App development efforts
 -
 - Presentation: Middle School Athletics: Winter & Spring Updates
 - Presentation by Mr. Racich
 - 2016-17 Middle School Sports Participants per Season
 - Season Sport # of Students-7 # of Students-8 Total Roster
 - Fall CC 71 40 111
 - Fall Cheer 12 9 21
 - Fall FB 60 42 102
 - Fall FH 16 21 37
 - Fall Soc B 18 19 37
 - Fall Soc G 22 22 44
 - Fall VB 22 14 36
 - **FALL TOTAL 221 167 388**
 - Season Sport # of Students-7 # of Students-8 Total Roster
 - Winter BBB 15 15 30
 - Winter GBB 20 18 38
 - Winter WCh 20 2 22
 - Winter Wrest. 15 14 29
 - **WINTER TOTAL 70 49 119**
 - Season Sport # of Students-7 # of Students-8 Total Roster
 - Spring BB 19 17 36
 - Spring LAX G 20 23 43
 - Spring LAX B 21 14 35
 - Spring SB 19 16 35
 - Spring Track & Field 98 85 183
 - **SPRING TOTAL 177 155 332**
- | | 7th | 8th | Rostered Spots |
|---------------------------|------------|------------|----------------|
| TOTAL ATHLETES 7-8 | 468 | 371 | 839 |
- 2016-17 JH Wrestling Team
 - 9 individual medals-4 Champions
 - 1 Runner-Up, 1-3rd, 1-4th, 1-5th and 1-6th
 - Spring-Ford Invitational Dual Meet Champions
 - Wilson Tournament Team Runner-Up Finish (2nd of 39 Teams)
 - 6 Individual medals-2 Champions, 1-3rd, 1-4th, 1-6th, 1-7th

Next Extra-Curricular Committee Meeting:

Monday June 12, 2017 – 6:30pm – DO Front Conference Room