Attendees: Dory Albert, Beatrice Boselli, Cynthia Chang, Raymond Chen, Susan Chin, Lai Ling Chiou, Janet Chyan, Felicia Deng, Joell Huet Ducrot, Michelle Fan, Shin Yun Hu, Sarah Hung, Omod Jabbari, Felicia Peng, Dianne France, Shin Yun Hu, Sarah Hung, Sophia Kew, Christina Li, Yufan Lu, Michelle Ma, Laura Menard, Daryl Miller, Sandy Miller, Jean Poo, Jing Song, Katherine Tseng, Reus Vasar, Susan Vukovatz, Grace Weng, Sandy Wu, Annie Ying, Emile Zhang, and Yuxie Zhang

Superintendent: Bob Mistele spoke about 2 years left on our $49 parcel tax, taking a look at increasing it to $89 from $49, reason is our programs, EMC survey all feedback, and survey company never seen so much support about schools.

Guest Speaker: Audrey Warmuth reported STEM job growth growing, need an extra 1million people to graduate from STEM, 40% students that start out in STEM drop out, 93% who graduate started in Engineering, if want more students to study math, we need to get them interested before they go off to college, real sense of accomplishment when can solve a problem, hot to get them interested is to get them involved into hands on projects, classes here such as Astronomy, Physiology, Comp Sci, Into to Computer Programming, Animated Graphics, Engineering electives led by Project lead the way, Into to Engineering Design, Principles of Engineering, Digital Electronics, Capstone class, really want this to be sequentially, meant to be accessible to kids, involves 3d printer, design class, more like a drafting class, Autodesk adventure, projects done second semester, redesign a Lego to fit into another Lego, race them in the gym, work with drill press, threading, bought 2 mills, make a little level, traditional tools as well, 2nd year class like a Mechanical Engineering class, levers, gears, wheel and sprocket, make objects that do something, moving to next unit which is energy unit, make windmill like blades, set up science experiment, design own blades to see which generates more power, also design solar powered car, 2nd semester learn coding, motors and sensors, have a bunch of design projects, small advantages of doing classes consecutively but not mandatory, use data collection software, 3rd year class, doing some red boarding, make it pass/fail, adding sensors, fundamental type programming, will be starting a 4th year class, a capstone class, like to restrict this one, work as a team, define a problem they want to solve, lessons, projects, open design, engineering lab has a new sign, used to be old woodshed, beautiful fantastic room with beautiful wood tables, everyone using it, used for storage past 3 years, cleaning out the room, still a work in process, removed large wood working machines, offered them to LG, some went to an alternative program in Santa Cruz, others sold, most big things gone, office, tool endpoint room, new wiring, new storage, lot of components, new wifi in there, there is a mezzanine, on top of tool room storage that juts out into room, love to see that is safe for students, 4th year class will be upstairs, new lighting, heating and cooling in works, soundproofing issues, huge paint hood in there, please come visit us anytime, would like to have a stronger presence on campus, love to have help, energy unit to see Altamont pass, would love to see batteries Tesla makes, visit solar companies, Autodesk has a museum in SF, more presence on website, posters, display case, on 6th grade wheel engineering, middle school doing aeronautics, offers robotics and another one forensics, need to bring girls into the
program, Intro to Computer Science class do scratch, drag and drop coding, AP Comp Sci, a lot of coding is highly frustrating situation, menu on side, drag into your window, prompts to what you need, much more forgiving, robot C like that as well, do a little bit of python, Java, SAP, P Comp Sci, and new Physiology class does not require taking Biology before taking that course.

Robotics Club - no instruction, a lot of hands on, highlight 40% dropping out of STEM, hands on so reassuring to them, make projects, when hit harder classes in college they tend to drop out, worth the effort, and should take some engineering classes.

**Treasurer: Michelle Fan reported** on checks for ratification - Stacy Alexander motioned to ratify the checks and Jean Poo seconded. All approved.

**Approval of September Minutes: Susan Vukovatz** passed out September 10, 2015 Meeting Minutes for approval. Laura Menard motioned to approve & Susan Chin seconded. All approved.

**Principal’s Report: Paul Robinson** spoke about upcoming evening on October 28 to go over the recent survey, our school goals, where we’re going, has some great things in mind, make sure on the right track, etc. Food will be served, Sandy always put out great spread, nice relaxed atmosphere from 6:30 to 8 PM.

- Beginning learning journey, some of you may have been contacted if volunteered your home for staff members to spend time with and interview you about your educational journey
- Then will do a World Café fitting as many can fit into the gym to present all the different educational journeys, what things can look at, what changes want to make, how we can continually support the students to stay healthy, well, to make great choices, and build stronger connections

**Programs: Dory Albert** reported about tonight’s meeting ‘Life After High School’, put on by district workability program, what students have done in the summer internships, 7:00 PM, October 8th, at Los Gatos High School Library
  - Jessica Lahey, Common Ground speaker on “The Gift of Failure” offering tips on how to help your child succeed at St. Andrews, October 13, $20 at door
  - November 19th – Passageworks presentation

**Next PTSO Meeting November 12, 2015:** 9 AM SHS Cafeteria, Carolyn Carpeneti, "I’m Applying to College butForgot my Backpack” addressing Teenage Executive Function and how to Improve it. PTSO sponsoring her to come down to present her app she created for the effective functioning of her child from her personal experience.

Meeting Adjourned at 9:50 AM.

Respectfully Submitted by:

Susan Vukovatz
PTSO Secretary