**Coffee with the Principal September 28, 2018**

A. Presentation of Makerspace

Artificial intelligence

Robotics non-VEX - $5k parts

Alternative fuel – hydrogen fuel $9k

Biomechanics prosthetics $

Programming and coding

Motion capture- tagging movement to animation (with VR and coding)

Computer design building and coding custom built

Biomedical research – conjugation with university like for cancer etc.

Biorad- lab tech Amgen – donate equipment and consumables

Mechanical engineer- cutting equipment

Light simulator for physics -$5k

Innovation technology with what is available.

3D CAD- $1200

VR programing and design

3D printers for larger objects.

2. Science Fair February 21st. – The kids should have hypothesis and procedure at this point.

 a) Save the date – parents should attend.

 b) project needs to be completed by the end of January to go on to the Colony of States.

 c) Make sure your kids speak to teacher and register with Los Angeles Science Fair.

 d) Look for ideas all around you.

3. How do we monitor the kids on the computers? Phones? How do we balance electronics in a school of technology?

 a) Qustodio parental control for phones and laptop

4. 3 apps for preparing for College

 a) [Naviance Student](http://www.naviance.com/articles/naviance-student-app): The mobile version of the popular college planning tool allows students to research schools and save favorites, as well as create a to-do list that ties tasks to a specific college. They can also connect with counselors from that school. (Through the school)

 **b) Max U**: Created by Upromise, a college savings program from Sallie Mae, this app has a checklist that includes transcripts, letters of recommendations and essays. Students can also get tips for [ACT and SAT exam prep](https://www.usnews.com/education/best-colleges/test-prep), as well as advice on factors to consider when selecting a college.

 c) [ACT College Search](https://itunes.apple.com/us/app/act-college-search/id418007684?mt=8): This app from ACT Inc., which administers the popular college entrance exam, is currently available only on Apple devices.

5. Grants – who do the parents know. Match donations from companies, companies for sponsorship of clubs

 a) SciFi board working on media resources to draw in companies etc.

6. For the 9th grade do you have to reapply?

 a) once you are in you are automatically in for the next year.

7. Teacher Strike -Bring the kids to school. They should be here, and Mr. Lauchu will lecture in the auditorium.

 a) October 3rd is a second meeting instead of a strike

 b) School takes funding when the child goes to school. So, you are supporting the teachers

 c) no teacher is instructing during the strike

 d) how do we make up what is missed during the strike? Mr. Lauchu will focus on what is pertinent and prioritize.

 e) the rest of staff has been negotiated. The teachers are left.

 f) Support the strike and grab a sign.

8. Schoology – Please let Mr. Lauchu and Jodi know if the teachers calendars and homework assignments is up.

 a) You child should have it in the agenda planner. Good time to help your child with organization.

9. Cyberpatriots – See Donna Eckhart if your kid is enrolled and moving into competition.

10. Science Olympiad is ready to get enrollment.

11. To use the auditorium for an event – come to SciFi board to reserve the space requires legal paperwork to be filed first.

12. Ask kids if they know their parents phone numbers without the cell phone to tell them. We don’t always have access to a cell phone.

13. Phone time – work together with parents. If it continues to be an issue than the school will enforce a phone policy.

 a) you can call the school for anything you need. The message will get to the kids.

 b) doing something at lunch besides on the phone.