Dear Parents/Guardians

October 25, 2018

Palms Middle School is offering multiple opportunities for students at all grade levels to explore Robotics.

Fall After School Classes

**Beginning Lego EV3** – Mondays 3:15-4:30 room 232 (10 sessions)
- Nov. 5, 26, Dec. 3, 10
- Jan 7, 14, 28, Feb 4
This class is for students with little or no experience with robotics or programming. Students will learn basic robot design, construction and programming. They will tinker with mechanical structure, motors, gears, power, sensors and much more, while learning engineering and math concepts such as mechanics, physics, design, and environmental science.

**Beginning mBot – MakerBot** – Mondays 3:15-4:30 room 233 (8 sessions)
- Nov 5, 26, Dec 3, 10, Jan 7, 14, 28, Feb 4
This class is for students who would like to apply Scratch to robotics programming. This robot involves more programming than building. This is a good introductory course for students who have little to no experience with robotics or programming.

**Lunch Club**

**Lego EV3** – Tuesday during lunch in room 232
This class is for students who have experience in robotics and programming and would like to meet with other individuals to create robots and problem solve

We are planning on offering **Beginning mBot and Intermediate EV3 Robotics** (as a continuing course) during the Spring semester.

We are looking for motivated and team-oriented students. Regular attendance is important.

Although we are offering the class **free of charge**, we politely suggest a donation between $50-$200 so that we may continue to develop our Robotics and Technology programs at Palms.

If you would like your child to participate, please read the enclosed contract, complete and

**Please return contract by Friday November 2, 2018 to Ms. Vogel’s mailbox.**

Sincerely,

Kristen Vogel and David Martinez
Robotics Enrollment Form

Approved: Dr. Moriuchi, Principal

I would like to enroll in (circle one)

Beginning Lego EV3  Beginning mBot /MakerBot  Lego EV3 Lunch Club

Student Name: ____________________________  Homeroom Teacher _______________________

Student LAUSD/Palms Email ______________________________________________________

STUDENT CONTRACT
Please check each item below that you can honestly agree to

☐ I realize that no engineering problem has only one solution, and that a successful team is one which cooperates by considering EVERYONE’s solution and ideas. I will work in a supportive manner with my teammates.
☐ I agree that my behavior will be constructive.
☐ FOR CLASSES ONLY-I agree that each robotics class is valuable and will attend each class as best as I can. If a conflict arises, I will notify Ms. Vogel in advance.
☐ I agree to cooperate on whatever solution the team chooses, even if it is not my first choice.
☐ I agree that the goal of my team should be to do our best to solve a challenge problem, to have fun, and to learn.

Signature of student ____________________________ Date: __________________

PARENT CONTRACT

☐ FOR CLASSES ONLY-I agree to make every effort to have my child attend each after school class. If there is a conflict, either my child or I will notify Ms. Vogel as soon as possible. I understand that my child has a commitment to his/her class members.
☐ I agree to discuss all items listed above with my child.

I give permission for my child to become involved in Palms Middle School robotics class/club. I understand that being a part of a Robotics class involves a commitment of time, and that my child will need to follow the guidelines of the class to be eligible to participate.

Parent Printed Name ____________________________ Parent Signature ____________________________

Parent Emergency Contact Number ______________________________________________________

Parent Email __________________________________________________________

I am excited about this opportunity for my child and I would like to support the program by donating.

____ $20  ____ $50  ____ $100  ____ $200  _____ $  Other $__________

Please make checks payable to Palms Middle School. We thank you for your support.