Mrs. KJ & Mrs. Lim

Introduction to Robotics (KJ) & Green Architecture (Lim) 19-20

Vital Info:
Room: 125 and 45
Class time:
1:11p.m.-2:04p.m.
Website:
www.kjzkidz.weebly.com

Welcome to your 6th grade elective class. You will experience a hybrid class rotation for the entire year. This syllabus is for Introduction to Robotics. You will receive a separate syllabus for Green Architecture.

Communicate

kkatayama@nlmusd.k12.ca.us

mlim@nlmusd.k12.ca.us

2:15 p.m.-2:55p.m. Prep/student free time

Expectations for Robotics:

In this class, students will expected to use a Lego EV3 Robots to complete the following:
Prompt/Prepared:
Be on time. Come into the class, Gather your materials, take your seat, and begin you work. Have daily supplies ready. Plan how to use your time in class effectively.
Productive:
Listen to and follow directions. Work together as group and meet deadlines.

Buiding/Information:
Build a Robot: 100points
Inventory test 100 points
History of Robotics 100 points
Programming 50 points :
Full Speed Ahead
Right Face
Follow the Guidelines
Get Into Gear
Participation:
Weekly/Bi-weekly checks 10-20points.
Sumo bot 50 points
Obstacle Course 100 points

Dates:

10/11/19: First Quarter ends
10/21-25: Parent conferences (Minimum day schedule)
12/19: Semester 1 ends
3/2-6/20: Parent conferences (Minimum day schedule)
3/12/20: Third Quarter ends
6/2/20: Semester 2 ends

Grades

Materials Needed:

Green Architecture:
PLTW notebook (provided by Mrs. Lim)
iPad
Pen/Pencil

Introduction to Robotics:
iPad daily- you will lose points for no iPad
Robotics composition book
Earbuds/headphones
Optional: Battery pack

50% Green Architecture

50% Intro to Robotics

(based on total points from class assignments)

Classroom Guidelines...

For Introduction to Robotics:

Media Release

Username: kjtheteach @twitter/@Instagram
Website: www.kjzkidz.weebly.com

From time to time, I will take photos or videos of our class to post on to my class website, school website, or teacher Instagram or Twitter feed. I will never use a student's full name or social media tag/name. Please initial one of the following:

_____ I give permission for my child's image to be used in the above situations.

_____ I DO NOT give permission for my child's image to be used in the above situations.

Homework

I do not assign traditional homework. However, you must understand that if you do not use your time wisely, and find yourself with an incomplete assignment. You can make arrangements with me to stay after school. Due dates to all projects/ assessments/ classwork will posted in *Schoology (Online Learning System)* at least 2-5 day before the due date.

Late /Missing Assignments:

Grades are entered on a bi-weekly basis. If you have a question about your grade, students need to see me at snack or after school so that we can take care of any mistakes. I am human, so please understand that I do make errors. Assignments maybe turned in late for partial credit. Missing assignments may be turned in for partial credit. *Partial credit* is defined as 64% of the assignment total if completed to the best of one's ability.

Absences/Breaks/Discipline

All absences will be handled according to the NLMUSD policy. Upon your return, you will be afforded one day per excused absence to complete your missing work. Restroom breaks are allowed. Students are given 5 passes per semester for restroom breaks during class time. If a student must exceed the allotment, students will be consulted on a case by case basis. Students who do not use their passes will receive a 5% on an assessment of their choosing per pass. No more than two passes maybe used on an assessment. Teacher will follow school discipline policy as noted in the student agenda.

Acknowledgement & Understanding

By signing below, I acknowledge that I have read and understood the terms and conditions of this course.

Student Name: _____

Parent Name:_____

Student Signature: _____

Parent signature:_____

Date: _____

Best Contact Phone: _____

Building:
Build a robot 100points
Inventory test 100points

Semester 1

Programming:
Full Speed Ahead 50points
Right Face 50points

Semester 1

Programming:
History of Robotics 100points
Follow the Guidelines 50points
Get into Gear 50points

Semester 2

Rebuild and Program:
Defined EV3 for Sumo bot
And Obstacle Course
competition.

Semester 1 & 2

Participation:
Semester 1- daily/weekly work
40 points bi-weekly
Semester 2- daily /weekly work points
40 points bi-weekly
Sumo bot participation 50 points
Obstacle Course participation 100points