

March 12, 2007



Dear Parents/Guardians,

We will begin a unit using LEGO Mindstorms® newest equipment called NXT Robotics. This is brand new equipment purchased with a grant from The Foundation for Allen Schools. To make sure that the equipment lasts for a long time, I have created a lab contract that I expect each student to abide by. The benefit of following the contract is an engaging interactive learning experience, the consequence is having to replace lost or broken parts. I have included a parts replacement cost so that you can see the impact lost or broken parts will make on our program.

Please read, sign and date the LEGO Robotics Lab Contract below and send back by **Tuesday, March 13**. Students will **NOT** be able to begin working with the equipment until I receive your students' signed contract.

LEGO Robotics Lab Contract

Expectations

- Students are responsible for all equipment and/or parts checked out or used by them.
- Students will be charged for lost or broken parts.
- Robots must run on the floor, **NEVER** on tables.
- **Absolutely NO** robot demolition derbies.
- Turn off the NXT brick when it is not being used. (saves battery life)
- Do not interfere with another student's program during programming or running.
- Do not use a program other than your own without permission from the instructor.
- Do not place any unnecessary strain or stress on motors, gears or any part of your robot.

Replacement Costs:

NXT Intelligent Brick (brain of the robot)	\$135.00
NXT Ultrasonic Sensor	\$32.00
NXT Sound Sensor	\$25.00
NXT Touch Sensor	\$17.00
NXT Light Sensor	\$17.00
NXT Interactive Servo Motor	\$32.00
NXT Rechargeable Battery	\$50.00
NXT Connector Cables	\$10.00
Lost bricks, plates, etc	Price varies



LEGO Robotics Lab Contract

I have read and understand the LEGO Robotics Lab Contract. I know what is expected of my student and what it would cost to replace the equipment if broken or lost.

Parent/Guardian

Date

STUDENT

I, _____, understand what is expected of me when I use LEGO robotics equipment, and I will abide by the LEGO Robotics Contract. If I do not take care of the equipment or it is lost, understand I will be responsible for paying for replacement(s).

Student

Date