Summer School Robotics Camp
The Robot Zoo

* Week 1…Introduction to Robotics
	+ Day 1
		- Robot Quiz
		- Introduction to NXT
		- NXT Kit Overview
		- NXT Parts Exploration
	+ Day 2
		- Disassemble and Rebuild Tri-Bots
		- Smart Motors
		- Sensors and other Components
	+ Day 3
		- Using Video Trainer
		- Using NXT Software
		- Moving Straight
	+ Day 4
		- Starting with Sound
		- Stopping with Line
		- Turns
			* Swing Turn
			* Point Turn
	+ Day 5
		- Ultrasonic and Touch Sensors
			* Push the Can
			* Move Until Close and Back Up
* Week 2…Sound Activated Dragster Challenge
	+ Day 1
		- Gears and Gear Ratios
		- Build Dragster
	+ Day 2
		- Build Dragster
	+ Day 3
		- Complete Dragsters and Practice
	+ Day 4
		- Dragsters Challenge
	+ Day 5
		- Disassemble Dragsters/Build Sumo-Bots
* Week 3…Sumo-Bots Challenge
	+ Day 1
		- Build Sumo-Bots
	+ Day 2
		- Build Sumo-Bots
	+ Day 3
		- Build and Practice with Sumo-Bots
	+ Day 4
		- Space Camp Presentation
		- Complete Sumo-Bots
	+ Day 5
		- Finalize and Compete