The Big Race Calendar (90 min block)

Week	Mon	Tues	Wed	Thur	Fri	

1	- Group intro activity
	- Group contracts
	- Entry Doc
	- K/NTK/NS
		- Do Now: Linear vs non-linear
		- Function Lab Part 1
		  - py code
		  - ch code
			- Function Lab Part 2
			  - py code
			  - ch code
				- Do Now: Linear Functions
				- Write code for linear function
					- Test linear function code with robots
					- Record results	

2	- Do Now: Quadratic Functions - Write code for quad. function	- Test quad. function code with robots - Record results	- Do Now: Exponential Functions - Write code for exponential function	-Test exp. function code with robots - Record results	- Do Now: Lin Quad Exp Quiz	
3	-Do Now: Comparison worksheet - Review results for linear, quadratic and exponential code for robots	- Students present results, justify why their graph represents the function they claim it is - Grading Rubric	- Lab: Students compete to see who can make robot go furthest in 6 seconds			Twist: After 6 seconds restart speed to 10 deg/sec then accelerate using a different model for 6 more seconds.