Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Finalize group, established team name, and																									$\square$	
assigned roles for all members																										
Establish means of communication																										
Meet with Hanna Pellerin																										
Research on tricycle designs, best materials to																									$\square$	
utilize, and how wheels size impacts acceleration,																										
stability, and top speeds																										
Rough draft for a parts list																									$\square$	
Team meeting																										
Receive SolidWorks Weld course																									$\square$	
Sketch front tire to add to assembly																									$\square$	
Create table to show optimal dimensions for tricycle																									$\square$	
performance																										
Design development on front axle of tricycle																									$\square$	
created on SolidWorks																										
Finalize parts in SolidWorks (create assembly)																										
Find sponsor																										
Perform FEA analysis on SolidWorks																									$\square$	
Finalize each design																										
Meet with Hanna Pellerin to discuss phase 2 plan																										
Source all parts to order										1																
Verify all parts being ordered with Hanna Pellerin																										
Purchase all unmanufacturable materials																										
Meet with Mr. Jeff to discuss required																										
manufactured parts and machining process																										
Create new parts, using SolidWorks, necessary for																										
updates to be made to tricycle model																										
Create new SolidWorks drawing of edited tricycle																										
design																										
Meet with Mr. Jeff to manufacture parts																										
Perform FEA on SolidWorks design																										
Participate in local news interview								Γ																	$\square$	
Drive to New Iberia to visit location of race																									$\square$	
Finalize all manufactured parts with Mr. Jeff																									$\square$	
Work on final presentation, poster, & report								Γ																		
Practice riding tricycle at race location																									$\square$	
Make any necessary adjustments before the event																										
Final meeting with Hanna Pellerin to give final										I																
update																										
Prepare for final race																										
Race in final event!																										