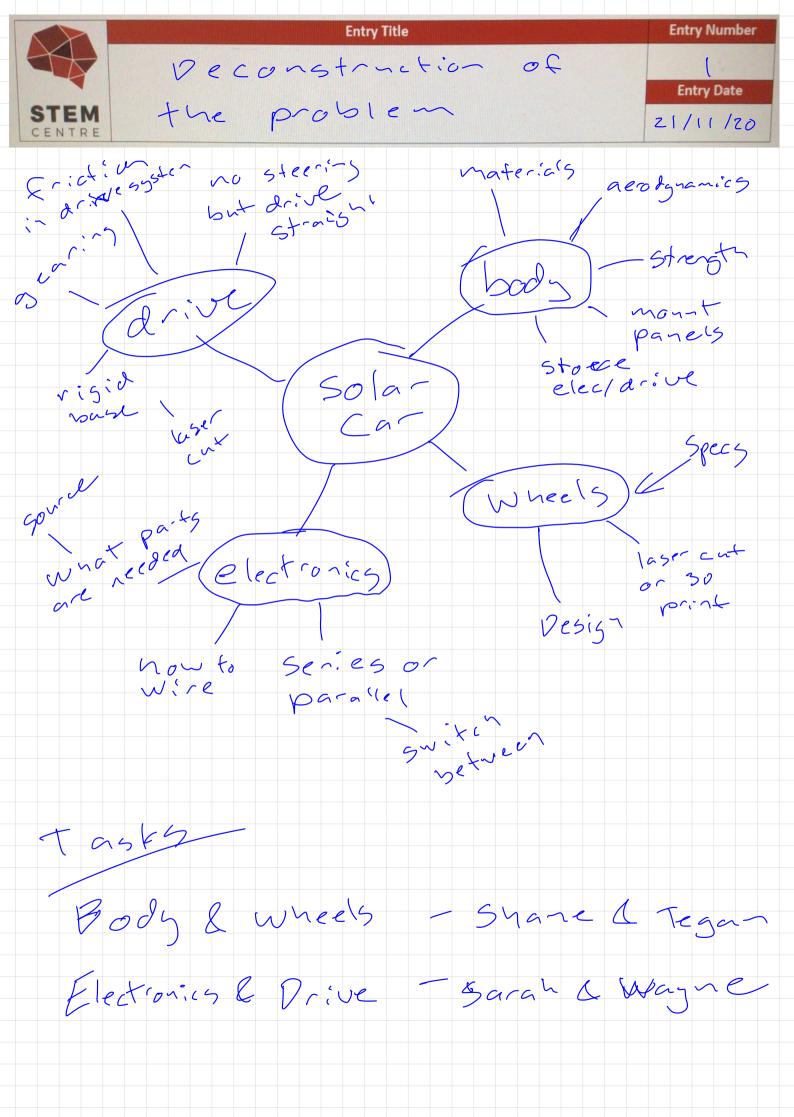
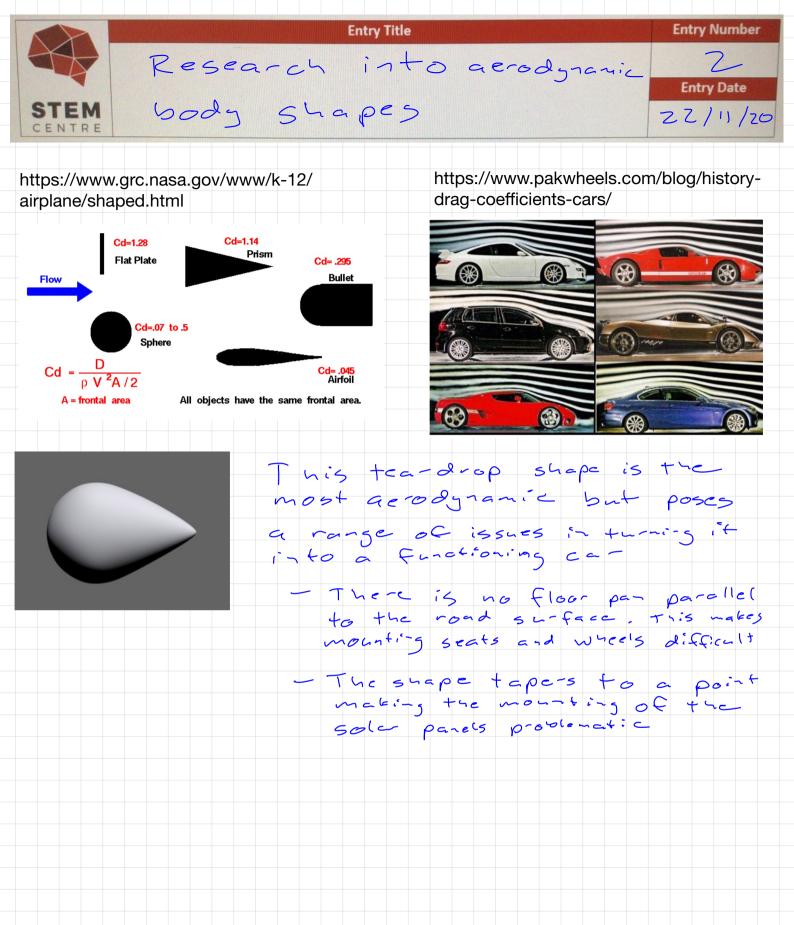
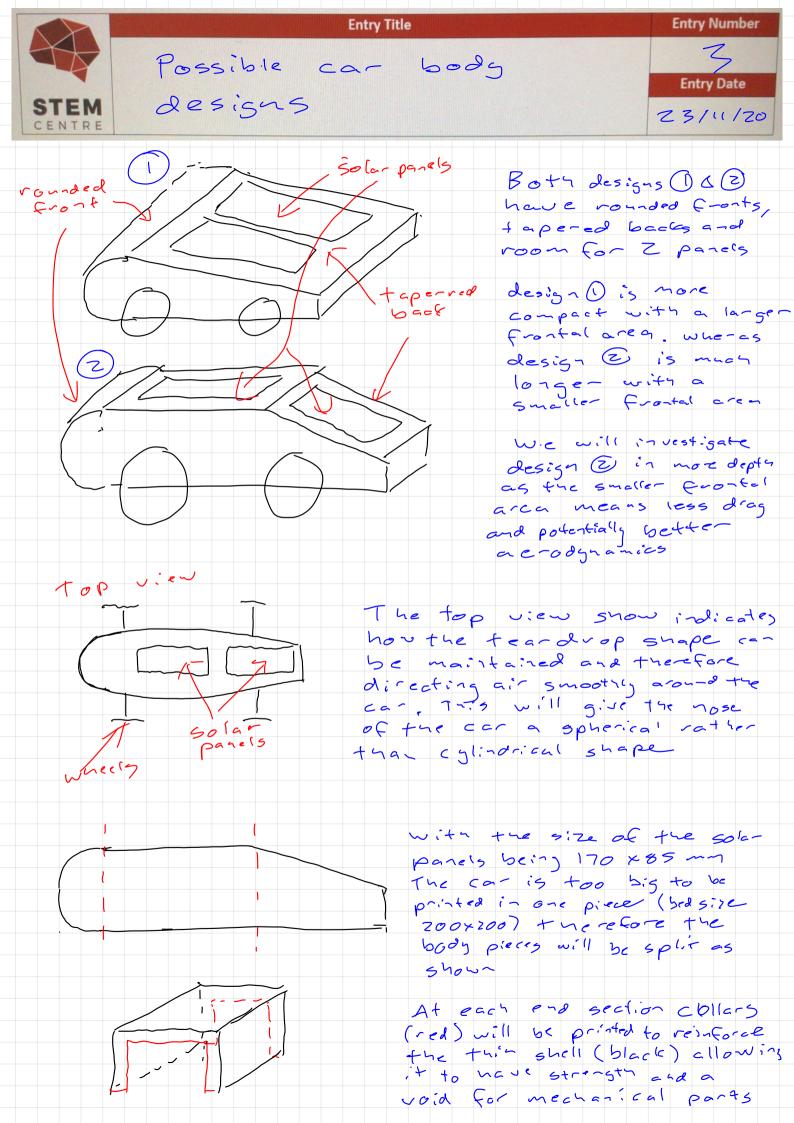
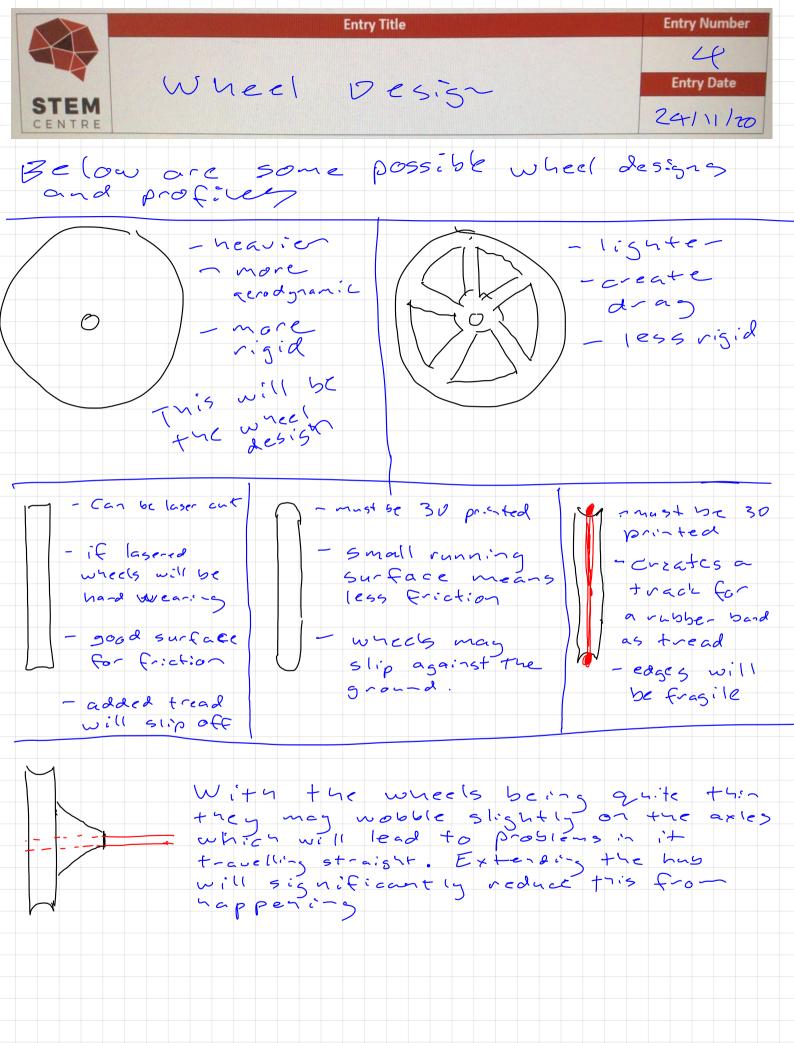
## STEM Notebook Example









Entry Title	Entry Number
Finished CA STEM CENTRE	0 designs Entry Date 25/11/20
	This is the final, rendered CAO design of the car body. These files will be 30 printed over the coming days.
	Over all the design successfully meets, and builds on the ideas from early in this project
	Puring the modelling process these indentations were added. The purpose of these was to sit the solar panels flush with
	the body of the car and therefore limiting drag.
	This image shows the location of the motor in the body of the car.
	The collar for each section used to join and support each section is also visible
	The wheels with extended hubs and rubber band fread is also evident here as is the laser out base

STER 32 printing Along this side the wall of the print warped due to being distance to span a long is the first of the this using a heat gun and flattening it, however that resulted in the first seen Splitting the last seen of the print into 5 separate prints aimed to reduce warphy by reducing the span With the smaller spen between the resulted in a much better print quality		Entry Title	Entry Number
wall of the print warped due to being so this and having a log distance to spon I attempted to fix this using a heat gan and flattening it, however that resulted in the fixen seen seen seen southed in the fixen i i i i i i i i i i i i i i i i i i i	SIEM	30 printing	Entry Date
into s separate prints airred to reduce warping by reducing the span with the shaller span between the reinforcing sections this resulted in a much better		I attempted Using a he Flattening i resulted in	the print due to being ad having a long o span d to fix this at gun and t, however that
Span between the veinforcing sections this resulted in a much bether		into 3 separa	reduce wa-ping
		Span k veinford this vein	ing sections sulted in a octop

## Entry Title

6

Entry Date

26/11/20

30 Printing



CENTRE

when we recieved
the solat panels we
found that they were
large tran stated and
nence did not fit in the
voids. This resulted in
having to mount the parely
on top
0

I also discovered that I had not left holes to allow the wires to get inside the can. A drill was ensed to make a small hole for these



Another issue that was discovered with these plans was that I had not left a hole For the axke. The body was cut using side cutters and sealed using a soldering inon.

It was a bit messy as a solution, but solved the problem

