

PMI WORKSHEET

NAME:

(Design engineer in training)

PRODUCT:

Draw a quick sketch

PLUS

What works well?

MINUS

What does not work well?

INTERESTING

What do you find interesting or different about the product?

MY SPECIFICATION WORKSHEET

NAME:

(Design engineer in training)

Write a list of things you want from your product.
Divide it in to three sections based on how important each item is.

I AM DESIGNING...

IT MUST...

IT SHOULD...

IT WOULD BE NICE IF...

MY NEXT ONE WOULD BE...

NAME:

(Design engineer in training)

Having a working product is not the end of the design process. Design engineers will repeat the Design. Build. Test. loop many times to make their product as good as possible.

Use the minus points from your completed PMI worksheet to identify how you could make your product better next time.

MINUS POINTS

**WAYS IN WHICH I WOULD
SOLVE THEM NEXT TIME**

Making a product is difficult. Write down some of the problems you had and think about ways you could solve them next time.

PROBLEMS I HAD

**WAYS IN WHICH I WOULD
SOLVE THEM NEXT TIME**

8	7	6	5	4	3	2	1	
A	B	C	D	E	F	G	H	
I	J							J

This is to certify that

_____ has completed the Dyson design challenge and has shown the characteristics of a design engineer.

Signed _____

Date _____

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