

Aug 2013

UNIT 511 Name: Matthew Spicer		Comment (circled = things to do)		
C R E A T I V I T Y	Theme choice	Stated	✓	
		Explained	✓	
		Spider diagram	✓	
		Choice made	✓	
			Far too brief	
	User needs Explored	Who?	✓	Too little detail - needs far more evidence collected & presented. Results need to be summarized and explained.
		What?	✓	
		Where?	✓	
	Product Comparison	3 products	✓	a little brief - more detail Important - needs to be done
		Compared	✓	
Trend identified		✗		
Design Brief	Stated	✓	could have evidence to support need for higher score	
Product Analysis	2 products	✓	More detail - Energy use = battery	
	Analysis	✓		
D E S I G N I N G	Specification	Detail?	✓	Covers most areas but must have reasons & evidence (PTO)
	System diagram	Detail?	✓	Too few alternatives - needs for more detail
	Ideas for circuit	3/4	✗	You need circuit ideas from the web - each explained how it works
		Explanation	✗	
		Choice	✗	
	Development of circuit	Built in circuit wizard	✓	Very little development going on for more than the lowest marks Video of it working needed
		At least 3 stages	✗	
		Final circuit clearly shown	✓	
		Demonstrated as working and solves problem	✗	
	Development of PCB	At least 3 stages	✓	You need all the stages from the very first PCB to the final one built - I've sent you the cwz file. I've sent you the Bill of Materials file (BOM)
Final PCB clearly shown		✓		
Demonstrated as working and solves problem		✓		
List of components		✗		
M A K I N G	Planning	Detail?	✗	Should be working on!
	Manufacture	Photos of stages	✗	
		Annotation	✗	
		Photo of complete circuit + wires etc.	✗	
		Photo of component side	✗	
		Photo of PCB side	✗	
Problems	Evidence provided	✗		
E V A L	Testing	Tick List	✗	
	Evaluation	What went well	✗	
		Problems and solutions	✗	
	Improvements	Made better?	✗	
Function better?		✗		

Only Development of circuit done since November.

2
PTO

① Specification best as table:

Specification point	Reason	Evidence from research
9v Battery	to be portable	My survey says that most people would prefer a portable device.

② The PCB that you actually used to build your final product is not the one you have in your powerpoint.

IF YOU HAVE A LATER VERSION OF YOUR POWERPOINT - SEND IT TO ME. OTHERWISE YOU HAVE A LOT OF WORK TO DO BEFORE SCHOOL STARTS. YOU ARE FAR BEHIND - IT SHOULD BE FINISHED - YOU SHOULD HAVE SENT ME YOUR FINISHED WORK BY NOW