

5/2/13

AUG 2013

UNIT 511		Name: <u>Jahe Robinson</u>		Comment	
C R E A T I V I T Y	Theme choice	Stated	✓	<u>CIRCLED = things to do</u>	
		Explained	✓		
		Spider diagram	✓		
		Choice made	✓		
	User needs Explored	Who?	✓	<p>NO EVIDENCE SINCE LAST TIME.</p> <p><u>NO evidence of questions having been carried out.</u> (PTO 1)</p> <p><u>YOU NEED FAR MORE EVIDENCE</u></p>	
		What?	✓		
		Where?	✓		
	Product Comparison	3 products	✓	<p>NO EVIDENCE SINCE LAST TIME.</p>	
		Compared	✓		
		Trend identified	✓		
Design Brief	Stated	✓			
Product Analysis	2 products	✓	<p><u>Materials - PCB + components etc.</u></p> <p><u>Lifecycle - PTO 2</u></p>		
	Analysis	✓			
D E S I G N I N G	Specification	Detail?	✓	<p><u>You need reasons for each point + evidence for need - for top marks.</u> (PTO 3)</p>	
	System diagram	Detail?	✓	<p><u>a little limited - indication of choice (building blocks would help.)</u></p>	
	Ideas for circuit	3/4	3	✓	<p><u>include the first circuit of the ones you are developing.</u></p> <p><u>not evident - use this one.</u></p>
		Explanation		✓	
		Choice		X	
	Development of circuit	Built in circuit wizard		✓	<p><u>Screen shot ✓ - videos doesn't work - you need to send it to me</u></p>
		At least 3 stages		✓	
		Final circuit clearly shown		✓	
		Demonstrated as working and solves problem		✓	
	Development of PCB	At least 3 stages		✓	<p><u>Screen shot ✓ - you need to send me the video</u></p> <p><u>I've sent you the Bill of Materials file (BoM)</u></p>
Final PCB clearly shown			✓		
Demonstrated as working and solves problem			✓		
List of components			X		
M A K I N G	Planning	Detail?	✓		
	Manufacture	Photos of stages	✓	<p><u>Is this all of the stages?</u></p> <p><u>these are important and need to be included.</u></p>	
		Annotation	✓		
		Photo of complete circuit + wires etc.	X		
		Photo of component side	X		
		Photo of PCB side	✓		
Problems	Evidence provided	(PTO ⁺)	X	<p><u>You need to do this and use it when the circuit/PCB/final product work</u></p>	
E V A L	Testing	Tick List	X		
	Evaluation	What went well	X	<p><u>YOU NEED TO GET THIS DONE</u></p>	
		Problems and solutions	X		
	Improvements	Made better?	X	"	"
Function better?		X	"	"	

Delete all the sample slides as you go.

Don't share - please send as an attachment

① You seem to have completely forgotten to do this. The questionnaire should be carried out - the results shown, summarized and explained. You also need more evidence to demonstrate real need & problems to solve - newspaper articles etc - see my guidance powerpoint from the web.

② Refers to products length of useful life / what happens when no longer used / what happens at end of its life (broken) / disposal.

③ Best as table as below.

Specification point	Reason	Evidence for point.
9V battery	to be portable	My survey showed people would like a portable device.

④ Evidence of problems needs to be shown clearly and included in the evaluation table
