

UNIT 511		Name: Alexander Lewis		Comment
C R E A T I V I T Y	Theme choice	Stated	✓	Need reasons for choice of theme.
		Explained	✓	
		Spider diagram	✓	
		Choice made	✓	
	User needs Explored	Who?	-	Questionnaire good (analysis poor. put with @ results) Other evidence too brief Don't put links to YouTube
		What?	-	
		Where?	-	
	Product Comparison <u>More manufacturing detail needed</u>	3 products	✓	Try to include more detail. Reduce size - too big.
		Compared	✓	
		Trend identified	✓	
Design Brief	Stated	✓	Too brief - needs more detail as conclusion of previous research.	
Product Analysis	2 products	✓	More detail required in analysis energy use?	
	Analysis	-		
D E S I G N I N G	Specification	Detail?	✓	Reasonable - best as a table 3 columns Spezpoint / Reason / evidence
	System diagram	Detail?	✓	quite good - sort out table - push it better. too large - borders.
	Ideas for circuit	3/4	✓	Try to find 1 or 2 more - explain how they all function. Make it clear which is your final choice.
		Explanation	-	
		Choice	✓	
	Development of circuit	Built in circuit wizard	✓	Please send me the video so I can see it working
		At least 3 stages	✓	
		Final circuit clearly shown	✓	
		Demonstrated as working and solves problem	x	
	Development of PCB	At least 3 stages	✓	Need several stages + explanation of what changes Send video please Circuit on slide 19 is not final one I've sent Bill of Materials file (BOM)
Final PCB clearly shown		✓		
Demonstrated as working and solves problem		x		
List of components		x		
M A K I N G	Planning	Detail?	✓	good.
	Manufacture	Photos of stages	✓	Organise so that each picture is individually explained. good info - but needs presenting better - better organisation
		Annotation	✓	
		Photo of complete circuit + wires etc.	✓	
		Photo of component side	✓	
		Photo of PCB side	✓	
Problems	Evidence provided	-	evidence needs to be clearer	
E V A L	Testing	Tick List	x	IMPORTANT - needs to be done (PTG)
	Evaluation	What went well	-	See if you can get more evidence of problems how do you know things went well?
		Problems and solutions	-	
Improvements	Made better?	x	IMPORTANT that this is done	
	Function better?	x		

- \* You need a video of the final product working.
- \* The tick list is very important - the steps that show that your product does exactly what it is supposed to do. Use it to show that the circuit and the PCB are working as well.