

6/2/13

Aug 2013

WORKING

UNIT 511		Name: Alex Lloyd.		Comment
C R E A T I V I T Y	Theme choice	Stated	✓	A device that detects burglars by turning on a light in the house.  'circles' show things to be done
		Explained	✓	
		Spider diagram	✓	
		Choice made	✓	
	User needs Explored	Who?	✓	Ques have done + table need to do summary of what results show  Have evidence would be good. to ensure top marks
		What?	✓	
		Where?	✓	
	Product Comparison	3 products	✓	
		Compared	✓	
		Trend identified	✓	
Design Brief	Stated	✓	A little brief - a suggestion of what it will do + evidence for need	
Product Analysis	2 products	✓	Lamps aren't the best products. Both really need to be automatic	
	Analysis	✓		
D E S I G N I N G	Specification	Detail?	✓	Good. Better as a table. Spec point   reason   evidence - for top marks
	System diagram	Detail?	✓	good. - circuit building blocks even better
	Ideas for circuit	3/4	✓	Built in circuit wizard.  Good
		Explanation	✓	
		Choice	✓	
	Development of circuit	Built in circuit wizard	✓	- none explanation would be good. - label it as final circuit - screen shot or video - I need a copy of this video
		At least 3 stages	✓	
		Final circuit clearly shown	✓	
		Demonstrated as working and solves problem	✗	
Development of PCB	At least 3 stages	✓	- explain why changes made for top marks - does it work? - screen shot or video need video sending - I've sent the cuz BOM file	
	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 good.
	Manufacture	Photos of stages	✓	GOOD
		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	✓	a version of the tick list could go with the circuit + PCB testing videos
	Evaluation	What went well	✓	any problems designing + developing?
		Problems and solutions	✓	
Improvements	Made better?	✓		
	Function better?	✓		

PCB works. PIR needs sorting.

|  
in dash - triggered by button. Light  
comes on slowly & fades after a time

\* BOM = Bill of Materials.

\* I need the videos sending - otherwise will not work.