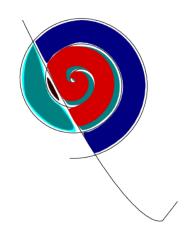
A technology project: Group notebook



DESIGN AND CONSTRUCTION OF AN ELECTRIC QUIZ BOARD GAME

Academic year 201_ / 201_

Group name:

1 Team members and organization

You are going to work in groups of 5 people. Talk to the other members of your team and decide who will be in charge of the following responsibilities:

Member	Responsibility
	Coordinator and spokesman
	Secretary
	In charge of the materials
	Responsible for the tools
	Responsible for health and safety

2 Group Solution

Discuss with the other members of your team, agree and choose the best solution. DATE: AUTHOR: SCALE: PROJECT:

WORKING DRAWING: GROUP SOLUTION

SECONDARY SCHOOL:

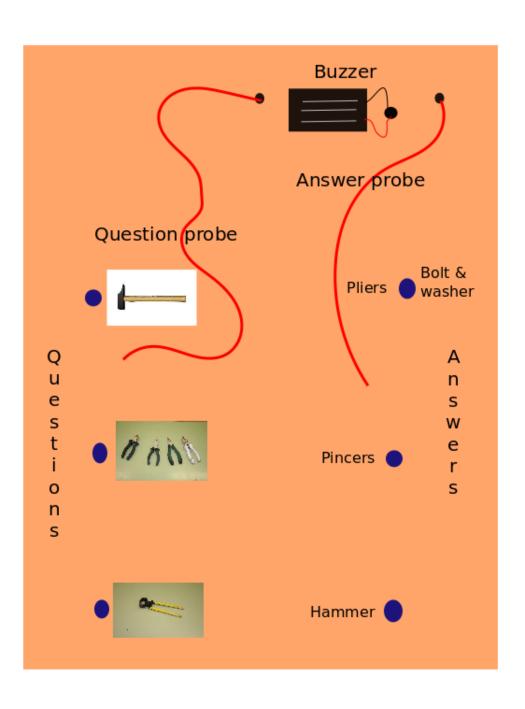
SHEET N. 2

3 Component list

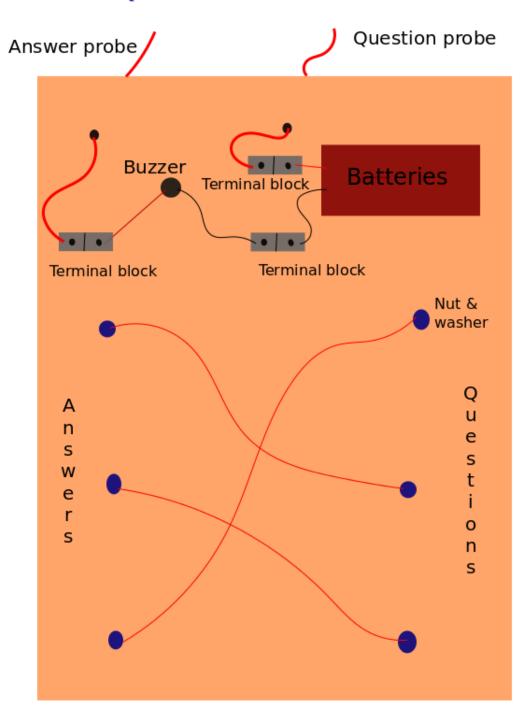
N.	Component	Quantity	Description
1	Board	1	Plywood, 5 mm thick
2	Legs	4	$20 \text{ mm} \times 20 \text{ mm} \text{ Wood}$
			strip
3	Buzzer	1	
4	Electric wire (answer-	1.5 m	Insulated, $1 mm^2$
	question connectors)		
5	Nuts		M3
6	Bolts		M3, 10 mm
7	Washers		M3
8	Batteries	4	AAA
9	Battery holder	1	
10	Electric wire (probes)	60 cm	Insulated, $2.5 \ mm^2$
11	Terminal blocks		

4 Electric connections

QUIZ BOARD FRONT



QUIZ BOARD BACK



5 Budget / Estimate

Part	Description	Quantity	Unit	cost	Total	cost
num-			(€)		(€)	
ber						
1	Plywood					
2	Wood strip					
3	Buzzer					
4	$1 mm^2$ electric wire					
5	Nuts					
6	Bolts					
7	Washers					
8	Battery					
9	Battery holder					
10	$2.5 \ mm^2$ electric wire					
11	Terminal blocks					
Total						
VAT (21%)						
Overall cost						

6 Development sheet

N.	Stage of manufacture	Tools	Time (h)

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