

## Step 04. Project Formulation Mr. M. Gonzalez

Student #1:	Date:	Grade:

## I. Project Formulation.

The project formulation is the step where you organize how you will study your topic or how you will prove or disprove a hypothesis. Before beginning this step though you should gather and read enough secondary information on your topic so you can avoid repeating someone else's mistakes or to just get a better insight into your scientific problem. In order to formulate a project you have to have your scientific problem in mind at all times. It is your guiding light. You mustn't stray from it unless you are willing to start your whole project over again. The basic elements you need to have and to complete to formulate your project are:

- A. Topic
- B. Scientific problem.
- C. Hypothesis (optional)
- D. Objectives.
- E. Tasks for your objectives.
- F. Procedures for your tasks.
- G. Materials for your procedures.

Once your have all these in place you will be on your way to executing your science project. This is just a fancy way for saying "doing" your science project.

Student #1:		Date:	Grade:	
Student #2:		Date:	Grade:	
			Grade:	
Student #4:			Grade:	
Student #5:		Date:	Grade:	
I. Begin writing	the elements of your	project.		
-				
C. Hypothesis	s:			
D. Objectives				
1				
	a. Task 1.			
	b. Task 2.			
	c. Task 3.			
	d. Task 4.			
	e. Task 5.			
2				
	a. Task 6.			
	b. Task 7.			
	c. Task 8.			
	d. Task 9.			
	e. Task 10.			

3	
a. Task 11.	
b. Task 12.	
c. Task 13	
d. Task 14.	
e. Task 15.	
Procedures:	
A. Task 1	
Materials list:	
B. Task 2	
Materials list:	
C. Task 3	
Materials list:	
D. Task 4	
Materials list:	

E.	Task 5	
	N	
	Materials list:	
_	TD 1.6	
F.	Task 6	
	3.6 1 1	
	Materials list:	
~	T. 1.7	
G.	Task 7	
	3.6	
	Materials list:	
	TD 1.0	
H.	Task 8	
	N	
	Materials list:	
	T. 1.0	
I.	Task 9	
	N/1-4	
	Materiais list:	
т	Tools 10	
J.	Task 10	
	Motorials 11-4	
	Materials list:	

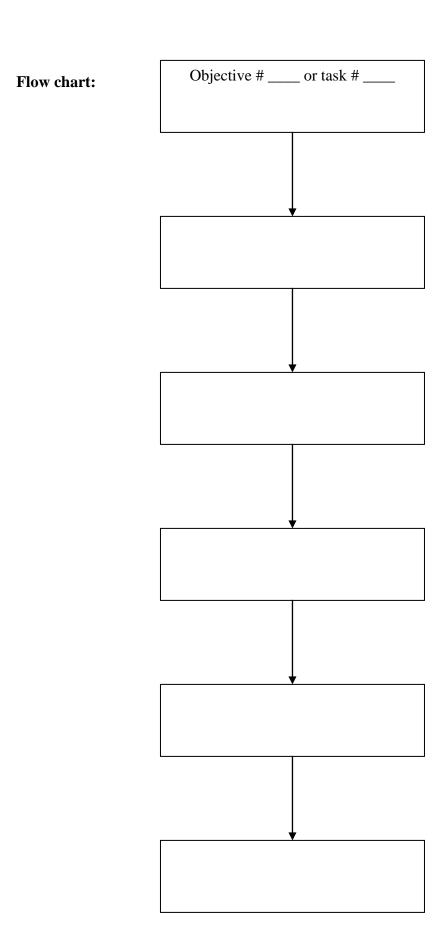
K.	Task 11	
	Materials list:	
L. —	Task 12	
	Materials list:	
M.		
N.	Task 14	
	Materials list:	
O.	Task 15	
	Materials list:	
P.	Task 16	
	Materials list:	



## Step 03c. Flow Chart

Mr. M. Gonzalez

Name:		Date:	Grade:	
Problem:				
	01: :: "	. 1 "		
Flow chart:	Objective #	or task #	_	
		▼		
		<b>↓</b>		
		1		





Task:				•
Name		Class:	Date	
<b>Directions:</b> Draw your project. Include as much det a qualitative description of w	tail as necess	ary. Draw differe		
Figure			·•	view.
Added comments or notes:				

Figure	view.
Added qualitative notes:	
Figure	view.
Added qualitative notes:	