

GUIDE FOR THE PREPARATION OF THE PROJECT'S MEMORY

1.- Cover

It includes the title of the project, an image (optional), authors, group, school and date. It must be done by using some software.

2.- Table of Contents or index

With the number of pages (it must be done at the end).

3.- Proposal and conditions of the problem.

Information about which problem we intend to solve (this text has been given by the teacher)

4.- Information collected.

In this chapter you gather the information that you find important or interesting for the project.

5.- Individual designs and solutions.

After searching the information, each component of the group draws a sketch of a possible solution to the problem.

6.- Final group design.

After a group discussion you will have to decide or choose the solution that will be constructed. It can be one of the individual solutions or a combination of those. Write the reasons why you choose that solution.

The final design have to include:

- Perspective drawing of the solution (cabinet or isometric). Every different element that composes it has to be numbered.
- Exploded drawings of the solution. You can draw every element or piece by the orthographic views or by a perspective. Don't forget to number the elements and incorporate the dimensions.
- Detailed drawings or explanations about materials or other issues, if necessary.
- Mechanic, electric or electronic schemes, if necessary.

7.- List of materials and tools.

8.- Construction instructions sheet and distribution of tasks.

You will have to complete a table similar to this:

PIECE OR PART	MATERIALS	TOOLS	ORDER OF OPERATIONS	MEMBER/S IN CHARGE

9.- Memory of construction.

You have to describe what you have done to build the solution: the order followed, the difficulties encountered, the solutions found, and the time spent. To do this, you will use the information collected in the class diary.

10.- Evaluation of the project and the work of the group.

You must answer some questions related to:

- The product: Does the designed solution work? Is it tough? What would you change if you had to make it again?
- The group work: Has the working group worked well? Has the division of labor been equitable?