



DECORATING WITH GIMP

How can we decorate using Gimp?

We can do a lot of things with Gimp, for decorating, creating and for using our imagination.

In this case we are going to decorate a door of this high-school.



Objectives

- Learn how to use Gimp, including the most important tools and their functions.
- Create your own option for the decoration of the siesta room.

Activity

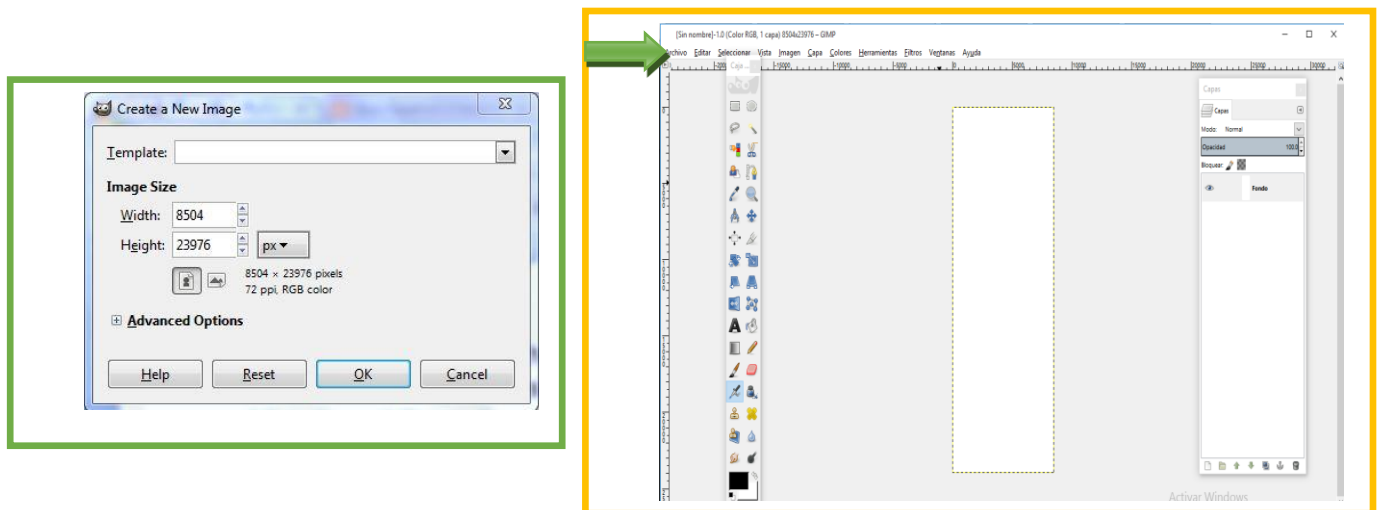
First of all, we need the measures of the door, which are 72x203. If we pass them to pixels by using this web site, <https://www.blitzresults.com/es/pixel/> we obtain the following result: 8,504x23,976.

Centimeters →

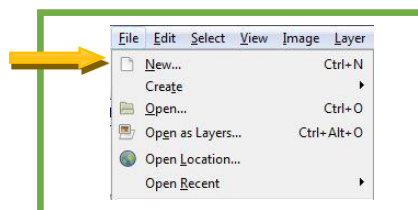
→ Pixels

Calcule con los valores de muestra o introduzca sus propios valores.	
<input type="radio"/> Pixel ⇌ Centímetros <input checked="" type="radio"/> Centímetro ⇌ Pixel	
Anchura en centímetros (cm)*	Altura en centímetros (cm)*
72	203
Valor dpi ("dots per inch", es decir, puntos por pulgada) <input type="radio"/> 72 ppp (pantalla) <input type="radio"/> 150 dpi <input checked="" type="radio"/> 300 ppp (impreso) <input type="radio"/> Introduzca su propio valor	
<input type="button" value="CALCULAR"/>	
Resultado	
Anchura en pixeles (px)	Altura en pixeles (px)
8.504	23.976

First of all, we have to click on “File” and “New”. Then, you only have to introduce the measures of the door in pixels, and the program will create the rectangle on which you are going to work.



After that you can choose the background that you want from Google and you have to save it in your computer. Next, you have to click on “File” and “Open as layers” and look for it in your computer. You always have to follow this process if you want to add more layers to your work.



Tools

There are a lot of tools that we can use for the creation of our project. These are the most useful ones:



Rectangle. This one is for selecting square or rectangular regions.



Ellipse. This one is for selecting circular regions.



Magic wand. This one is very useful. You can select regions which have the same color using this one.



Scissors. You can select any shape you want with it for extracting it from an image or for putting it in another one.



Move. By using it you can move the layers and the selections.



Rotate. With it, you can rotate the active layer or selection.



Scale. This one is for rotating the active layer or selection.



Shear. It is used for tilting a part of the image to some direction



Perspective. It imitates 3-dimensional shift of an image.



Flip. It flips selections and layers.



Measure. It shows distances and angles.

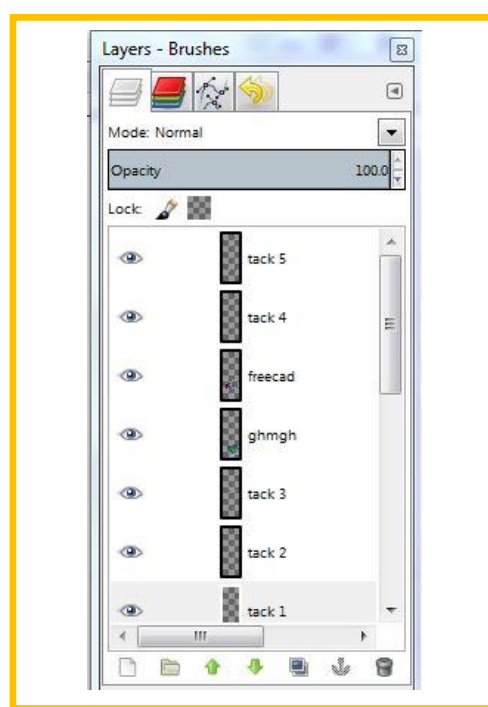


Text. It places text layers into your image.

These tools are the most useful ones, but if you click the right button of the mouse, you can cut, copy, paste, open layers, and invert the selections that you can do with some tools. This function is very helpful, especially when you use the magic wand.

Windows

In Gimp there are two windows, one at the left of the screen that is the toolbox, and the other one at the right, which shows you the layers.



The order of the layers is important; if you change the position in the layer's box you can overlap the different layers. For example, the layer “tack 5” is over the layer “tack 4”.

Final result

By following the previous steps, using the tools, pictures and your imagination you can do the design for the door of the room where you can find the 3D printers of this high-school.

This is our example:

