



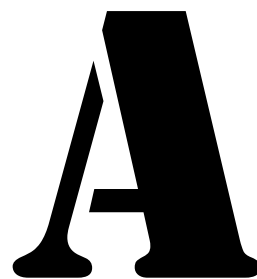
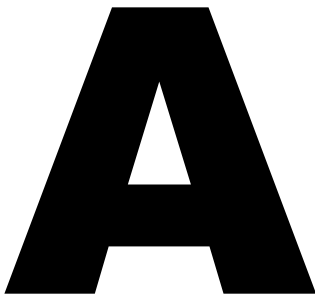
(NOTE TO WHERE: obviously this is a massive document and is more (including photos) that will fit nicely on a page. Feel free to take out what you don't like, we put in more so you'd have a lot to work with. With photos cropped, this may fit nicely on a double sided sheet.)

Step 1: Design! Gobos can say words, be a picture that we recognize or simply create texture and mood. Design anything you like, but remember that it has to fit inside your circle, and you have to be able to cut it out.

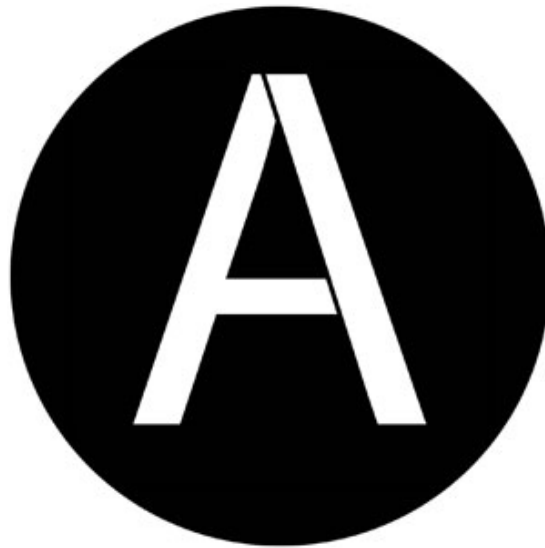
A few things to remember:

- shapes inside shapes that you've already cut out will fall out without a place that it's connected, so we have to design around that (for example, windows in a space ship)
- The part you're drawing, is actually the part you're cutting out, so your gobo will be the negative space that the light will shine through

For example, when cutting the first "A" below, the negative space inside the letter will fall out, but the second "A" is designed in such a way that the whole letter can be cut out in two parts and still look like the letter.

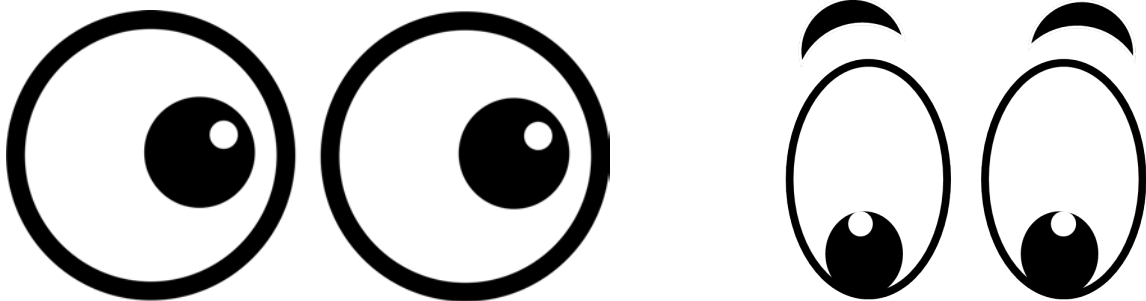


The final product could look like this:

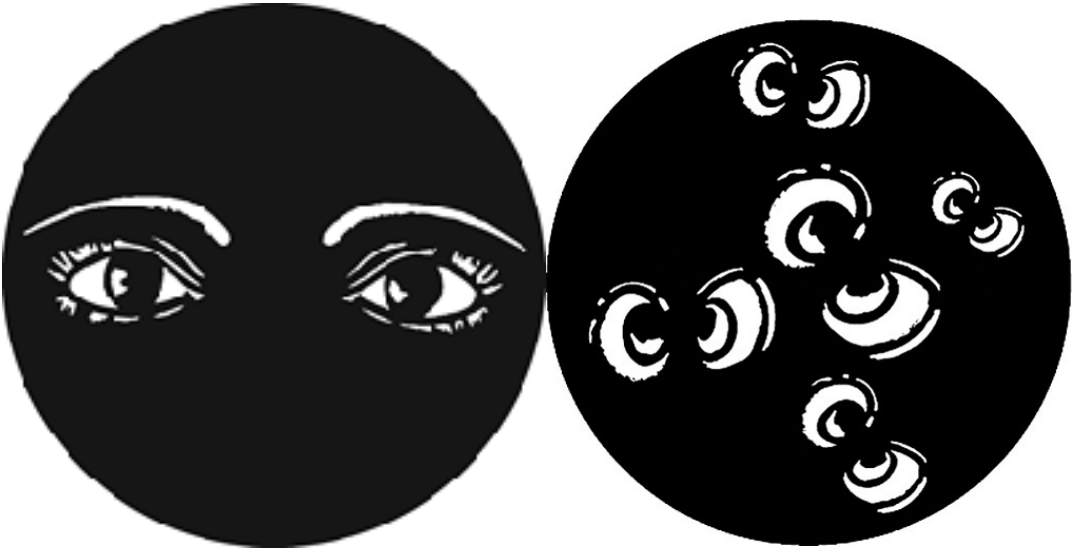


Take a look at these eyeballs: when the first set are cut out, the pupils will fall out and we'll just be left with two circles, but the second example will leave clear eyes

(NOTE TO WHERE: is it possible in the second example to photoshop out a tiny part of the line, perhaps either side of the pupil, in the second example so that this is actually true? Or find another set of eyes, this was the best we could find. If this isn't clear, give us a call- another way around this would be perhaps to reverse the image. Ex- in the "a" example, they'd be removing the black part, but leaving the white. In the eyeballs, the second one would actually be removing the white to make it work, while keeping the eyebrows)



Here are some other examples of eye gobos:



We can also use stamps to create patterns like this:



Or freestyle some textures like this:



Once you've finalized your design, it's time to move on to step 2!

Step 2: Trace your circle onto your black-wrap



Step 3: draw your pattern in the circle



Step 4: Let's take a break for a moment and learn some exacto knife safety:

- First let's look at the knife: it has a sharp side and a dull side like any knife- we always want to cut with the sharp side



- We hold these knives similar to how we would hold a pen- not like a food knife!



- Remember that you can rotate what you are working on in front of you to cut the angle you need. It's ok if your image is upside down while you're working on it.
- We never put our body parts in front of the blade. Make sure your fingers are clear of the path of cutting!

Do this:



Don't do this:



- Let the knife do the work for you, you don't have to push too hard.

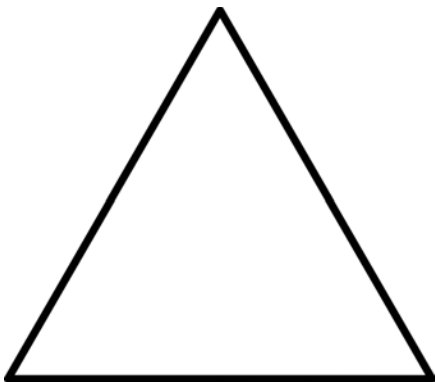
- Let's do a few test cuts, to get used to it before we cut the gobo.



Start with a straight line:



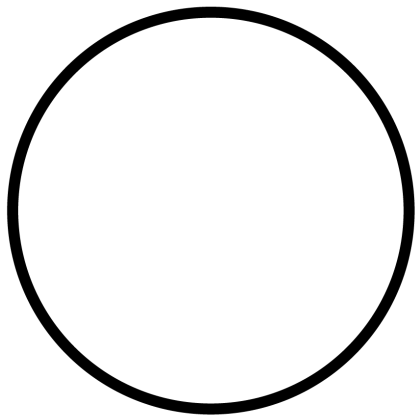
Next try a triangle:



Curves are harder, lets try this line:



Now try a circle:



(NOTE TO WHERE: we have two schools of thought on this: put knife safety first, so they know what they're getting into with the design, or put it here so they're already excited by the design. Feel free to move this around as you see fit)

Step 5: Cut out your pattern





Step 6: Cut out your circle- you can use scissors for this part. Be careful, your gobo will be fragile at this point



Step 7: Put your gobo into a frame, choose a color of gel if you like, and test it out!

