


3D Davy Lamp Template and Experiment

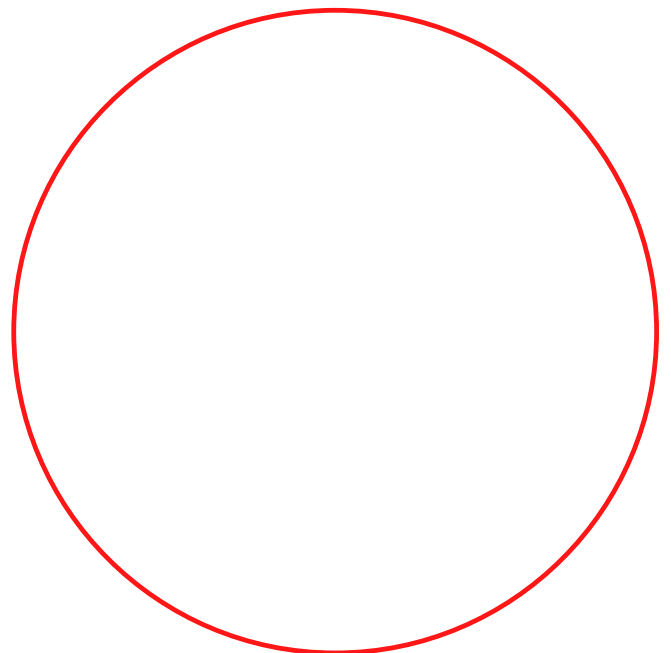
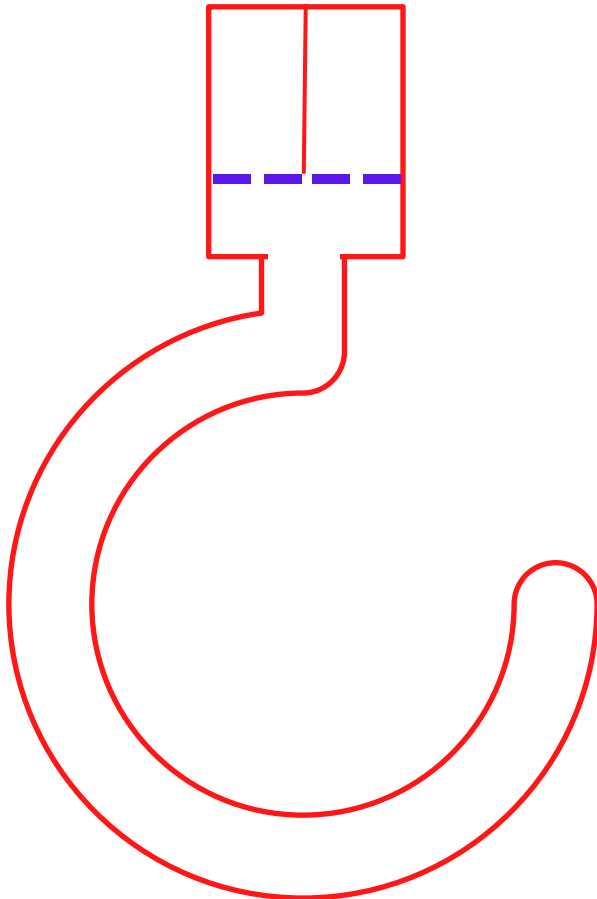
Key:

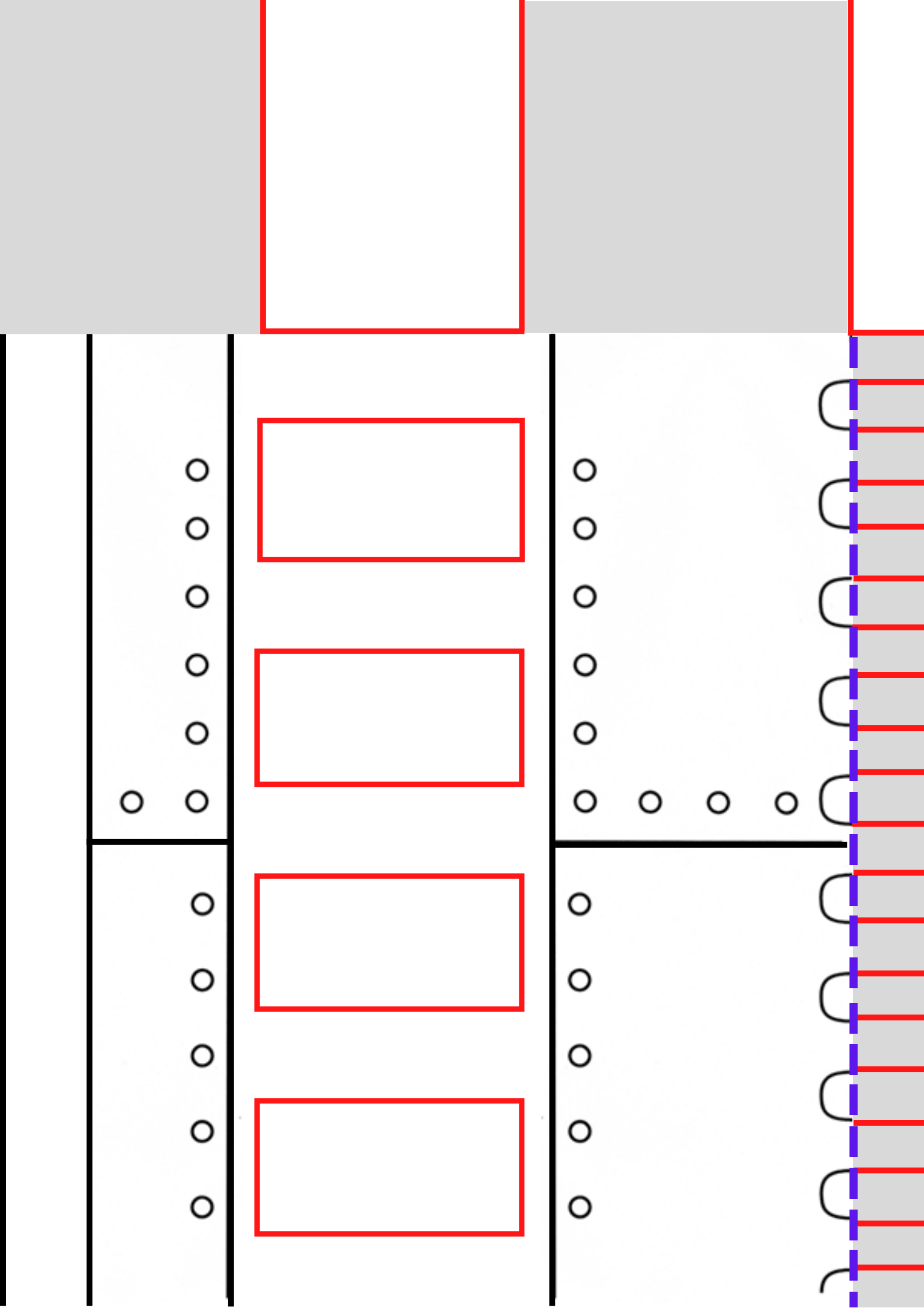
Cut Lines 

Fold Lines 

Gluing Area 

Example 

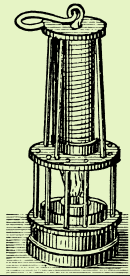




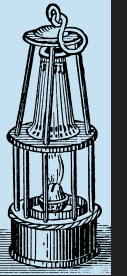
Davy Lamp Investigation Sheet

Sir Humphry Davy, inventor of the safety lamp, has asked for your help! He has invented a lamp, quite similar in appearance to the paper one you have made, but the miners are complaining they cannot get enough light. So you must put a window in the lamp and cover it with a material through which light can be seen.

What equipment I will use:



To make my investigation fair I must:



Mark your predictions on the light line below in order, showing which you think you will let the most light through, and which will let the least.

Least Light

Most Light



Mark your results on the light line in order, showing which let the most light through and which let the least.

Least Light

Most Light



In conclusion, the material which would be good for the window of the safety lamp was:

This is because it is the most: (Tick your answer)

- Opaque - a material that light cannot travel through
- Transparent - a cloudy material that let some light pass through
- Translucent - a clear material that let lots of light pass through