

# HOW TO MAKE A PINHOLE CAMERA



**STEP 1**

Get your tin or container and paint the inside of it black. This will need more than 1 coat to make it completely light proof. You will also need to paint the lid. If you need to paint the outside you should do this as well.



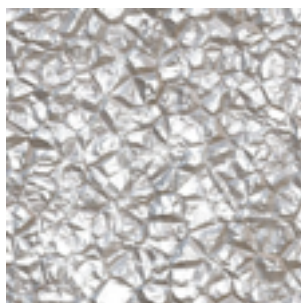
**STEP 2**

Cut a hole in the tin about half way up in the shape of a square (about 2 cm each side)



**STEP 3**

Cut a 2.5 cm square piece of tinfoil or flexible metal. Then use a pin to create a very small hole in the center of the square. Try to make the hole as smooth as possible.



**STEP 4**

Attach the tinfoil square to the tin, making sure the pinhole is over the cut out rectangle.



**STEP 5**

Make a shutter flap out of card and tape that acts as a shutter. Place it so it covers the pinhole fully.



**STEP 6**

In a dark room cut a piece of photographic paper that will fit inside your tin. Use a small piece of tape to stick it in place. Put the lid back on and cover the pinhole.



**STEP 7**

Take the camera and point it towards the object you want to capture and place it somewhere that is secure so it won't move. Open the shutter and leave it open for how many seconds to minutes you think you will need.

**STEP 8**

Once you have closed the shutter take it back to the dark room and take the paper out of the tin. Place it in  
 \* Developer (1 minute)  
 \* Stop bath (a few seconds)  
 \* Fixative (around 5 minutes)  
 Wash with water, squeeze and hang

**STEP 10**

Once it is dry scan the negative. Use photoshop to invert the image. Now you are complete!