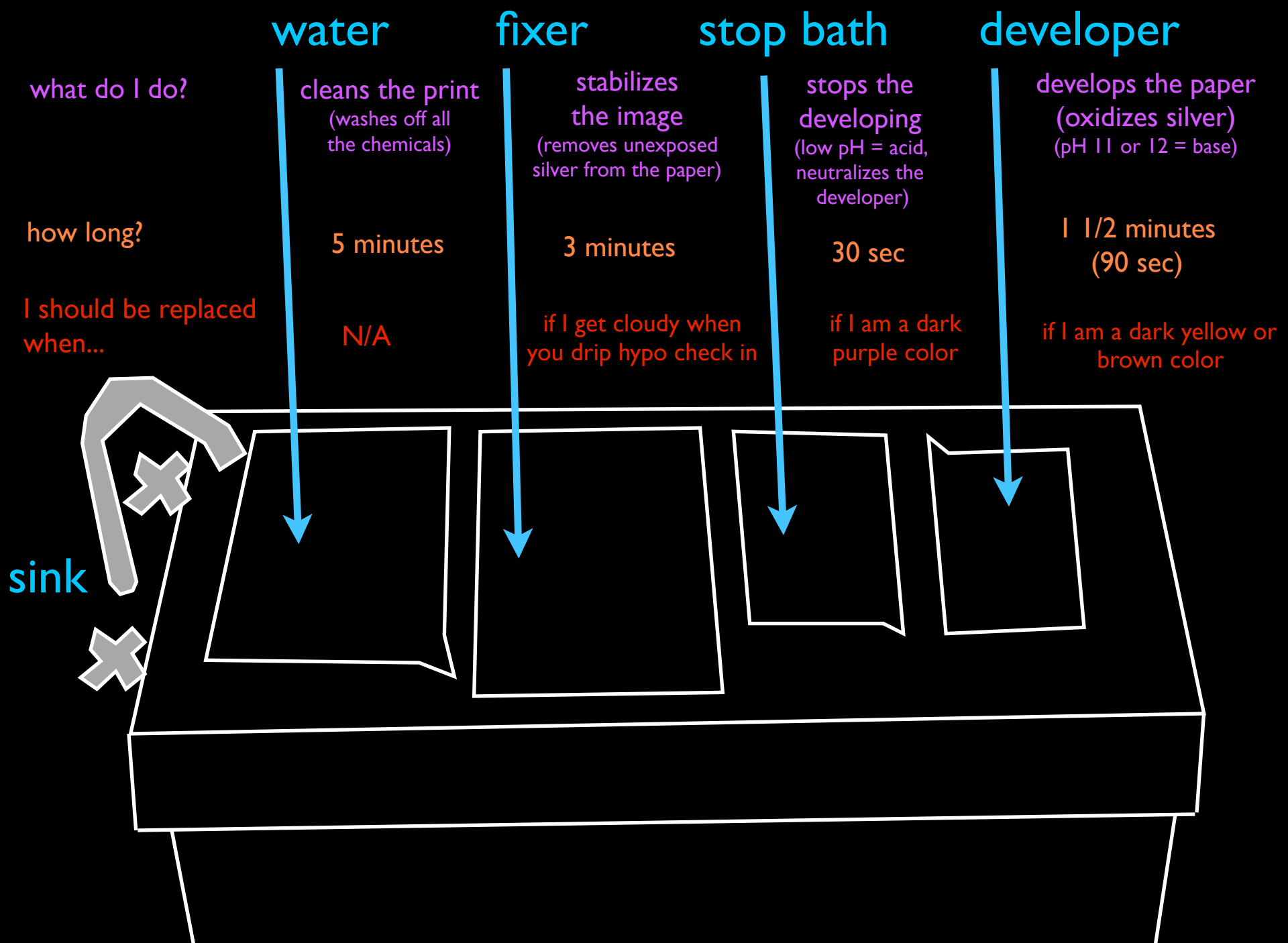
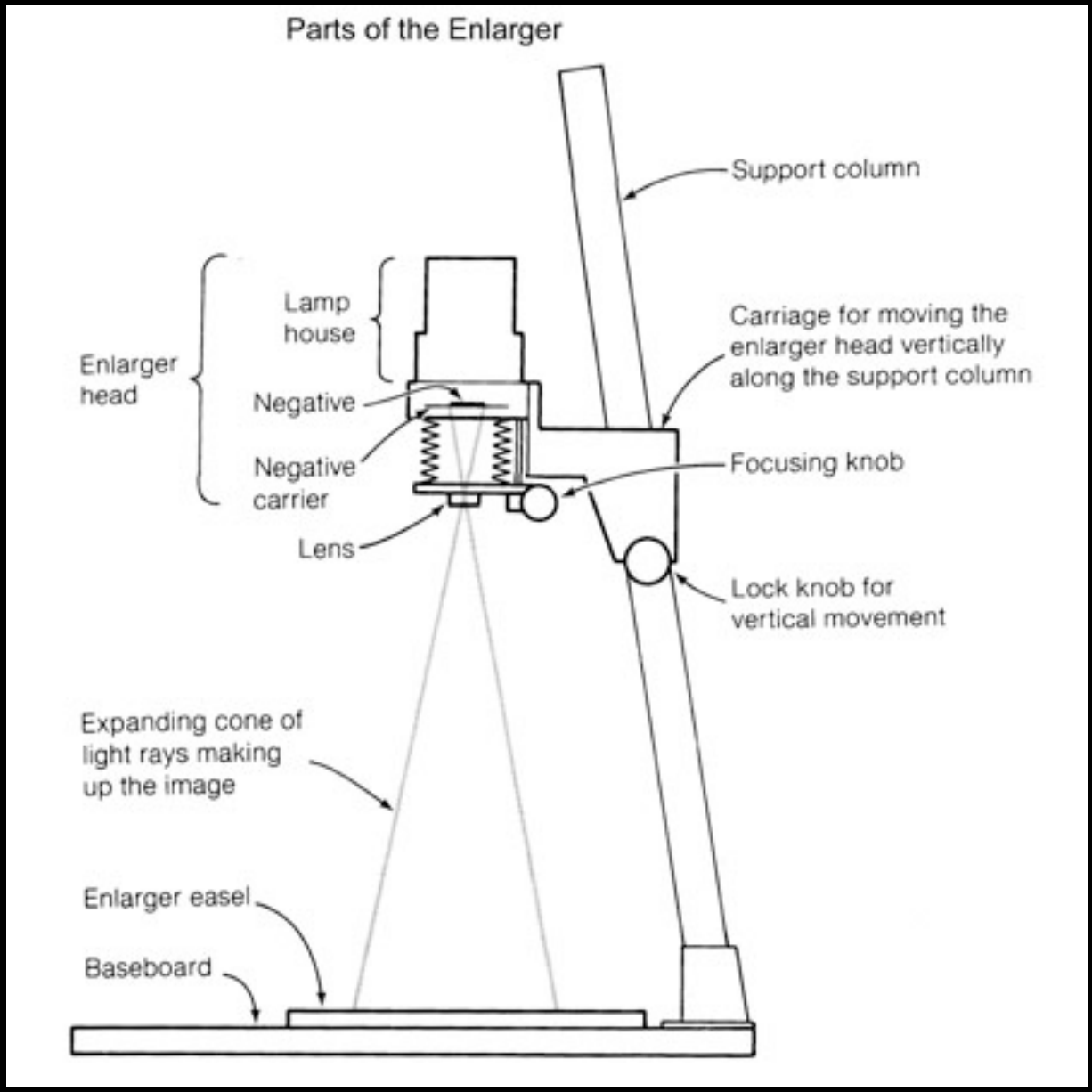
PHOTOGRAM

"Camera-less photography"

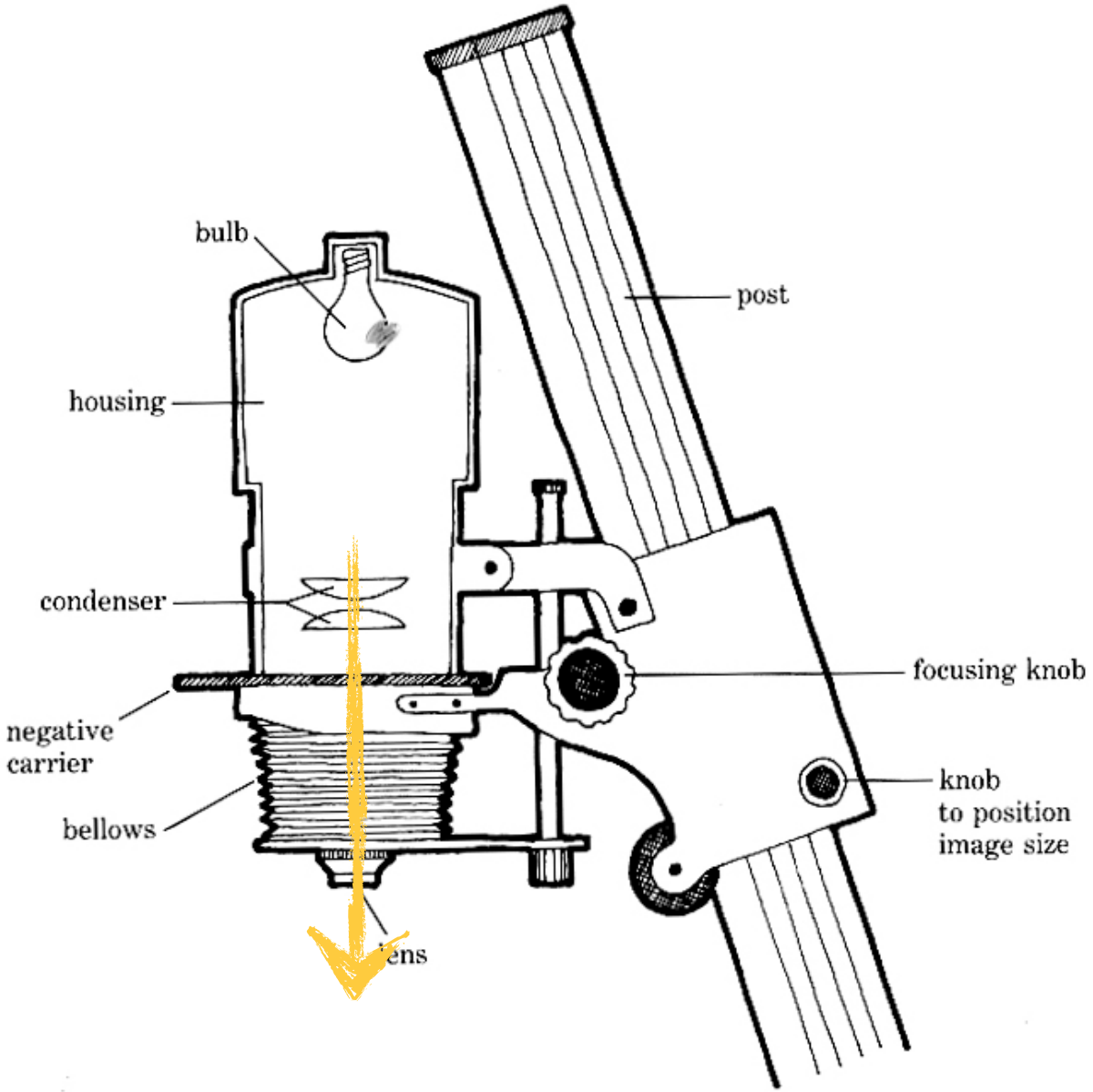
A photogram is a photographic image where objects are placed directly on the photo paper and exposed to light to create an image


water
fixer
stop bath
developer
what do I do?
cleans the print
(washes off all
the chemicals)
stabilizes
the image
(removes unexposed
silver from the paper)
stops the
developing
(low pH = acid,
neutralizes the
developer)
develops the paper
(oxidizes silver)
(pH 11 or 12 = base)
how long?
5 minutes
3 minutes
30 sec
1 1/2 minutes
(90 sec)
I should be replaced
when...
N/A
if I get cloudy when
you drip hypo check in
if I am a dark
purple color
if I am a dark yellow or
brown color
sink

the enlarger



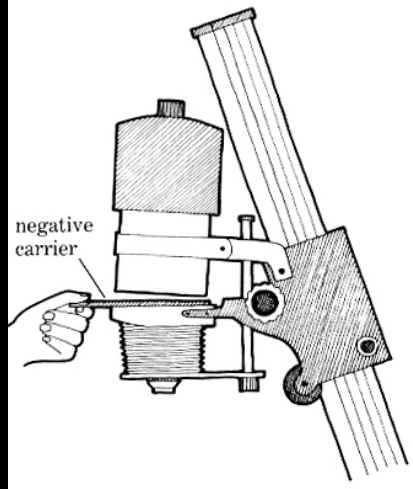
Parts of an enlarger



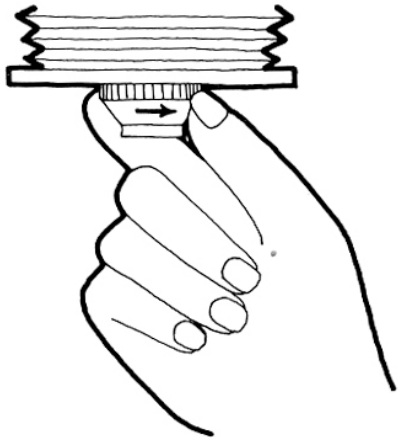
put the negative carrier in the lamp hose (make sure the light is off)

raise the lamp house (remember to tighten it)

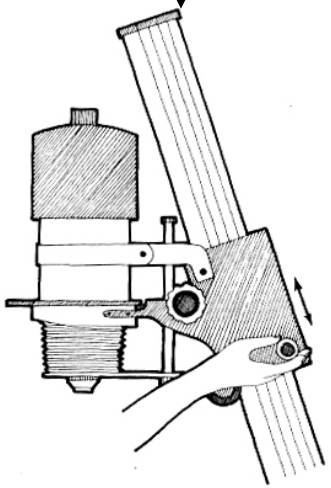
f/16 or *f*/22 & 8 seconds



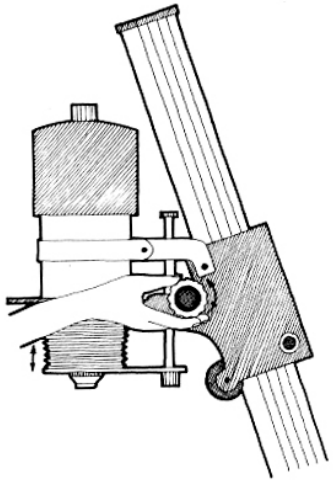
Put the negative carrier in the enlarger so the emulsion (dull) side of the negative faces down.



Open the lens to its maximum aperture.



To set the image size, move the enlarger housing up and down the post.



Focus the negative by turning the focusing knob to expand or contract the bellows.

adjust the aperture (f/8 or 3 clicks from the brightest to start)

adjust the bellows to focus the light

PHOTOGRAMS

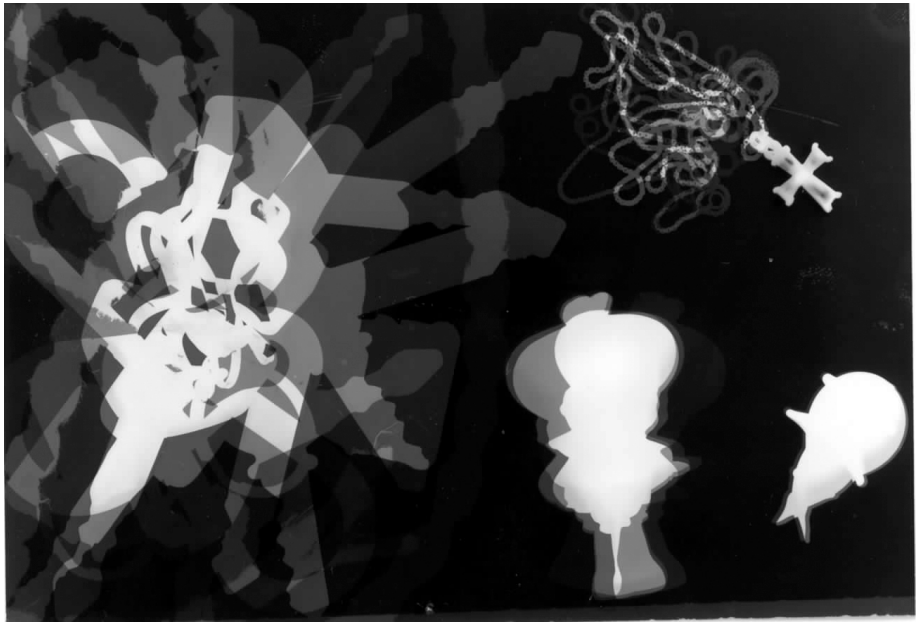
The word photography comes from two Greek words that mean “light drawing.” This idea of light drawing is best exemplified in the process of making photograms.

HANNAH PARK

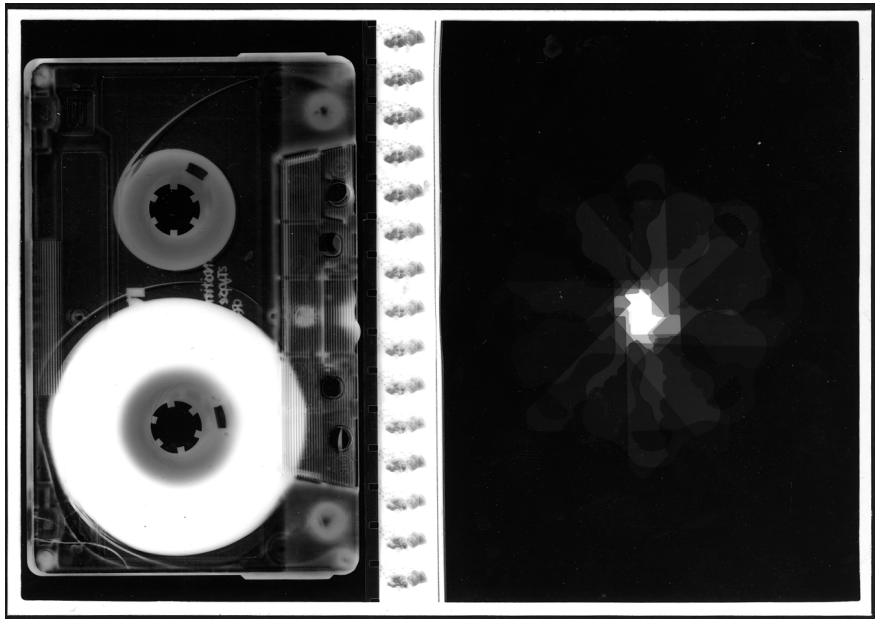
AFRAID OF NAIL CLIPPING

HOW DO THESE THINGS WORK?

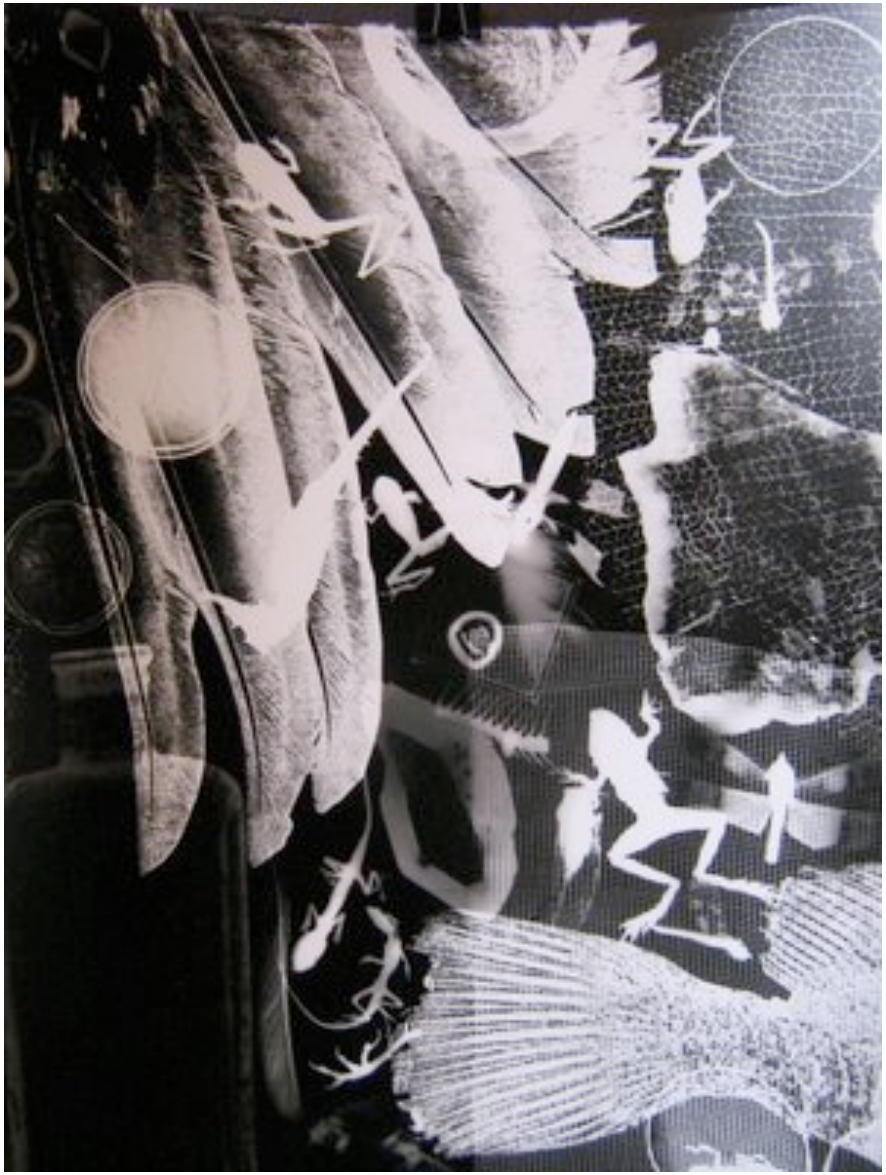
Put simply, making a photogram is similar to getting a suntan - skin exposed to the sun's rays darkens, while "unexposed" skin remains the same. The amount of exposure time and the intensity of the light affect the degree of darkening of both a suntan and a photogram

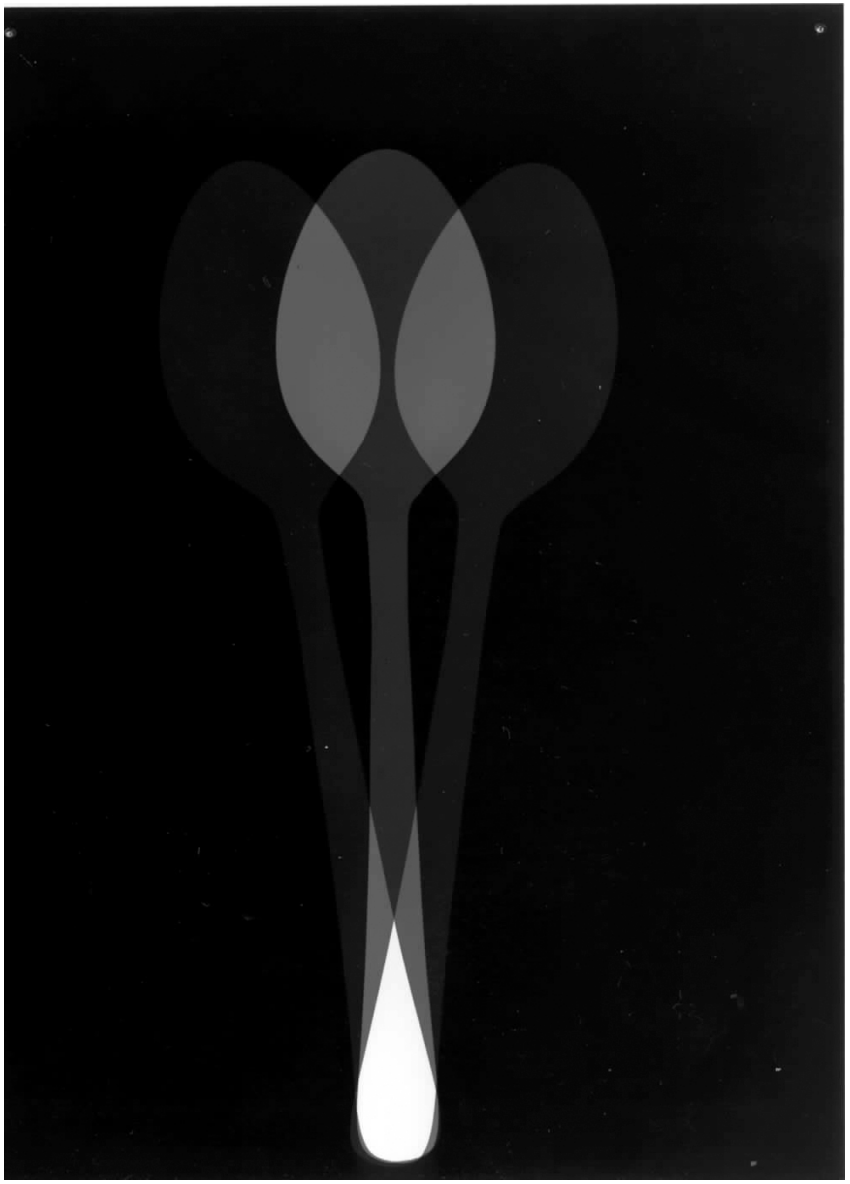


JESSICA KIM STUDENT



YURI STONE STUDENT





CHARACTERISTICS

JUXTAPOSITION

CONTRAST

X-RAY LIKE QUALITIES

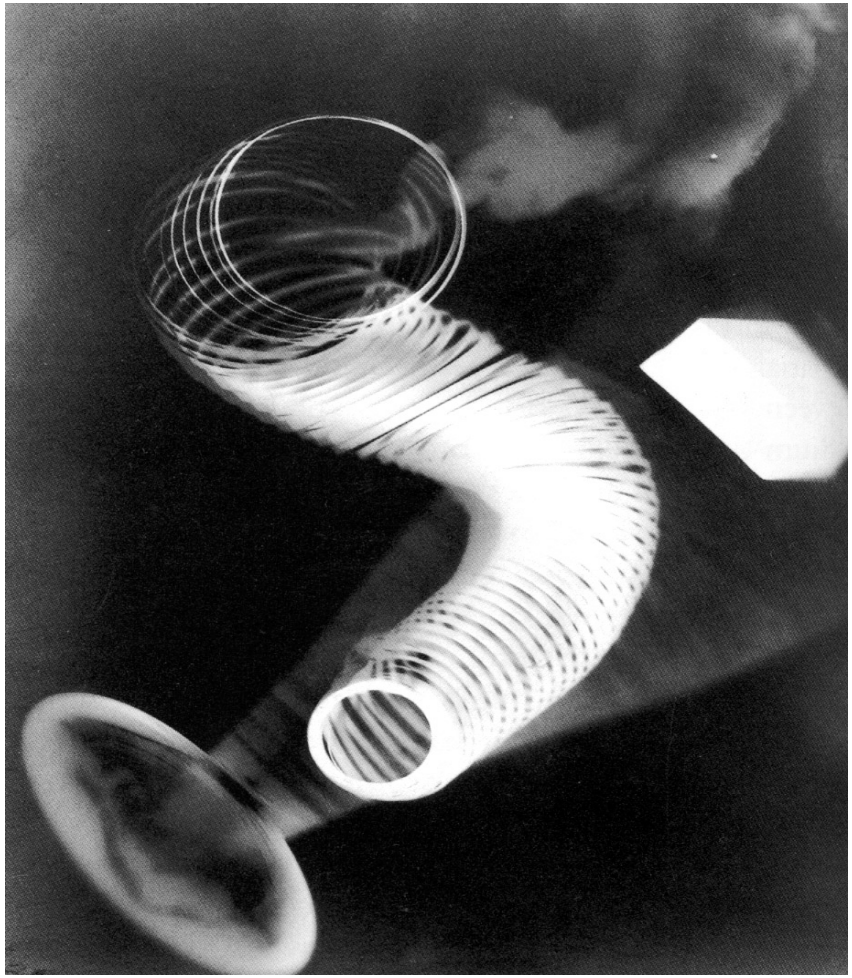
TRANSPARENCY

LAYERING

KELLY GARDNER

ARTISTS

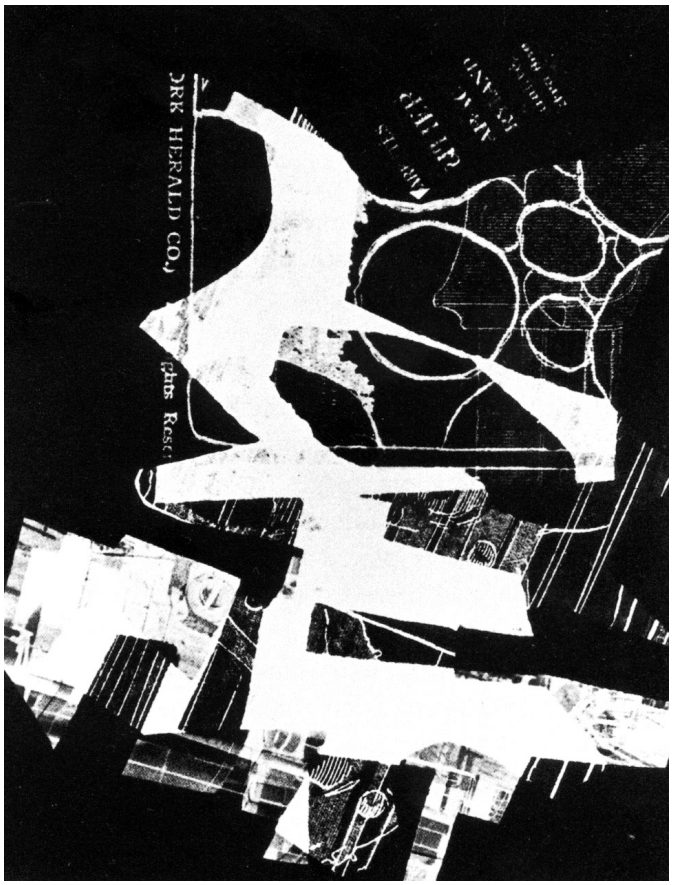
-Man Ray
-Anna Atkins
-Christian Schad
-Robert Rauschenberg



MAN RAY

LASZLO MOHOLY-NAGY

SCHAD



In the 1920's artist such as Christian Schad, Man Ray, and Laszlo Moholy-Nagy started experimenting with photograms as a means of deviating from straightforward realism and into strange and dreamlike exploration of surrealism and the abstract use of light and space.

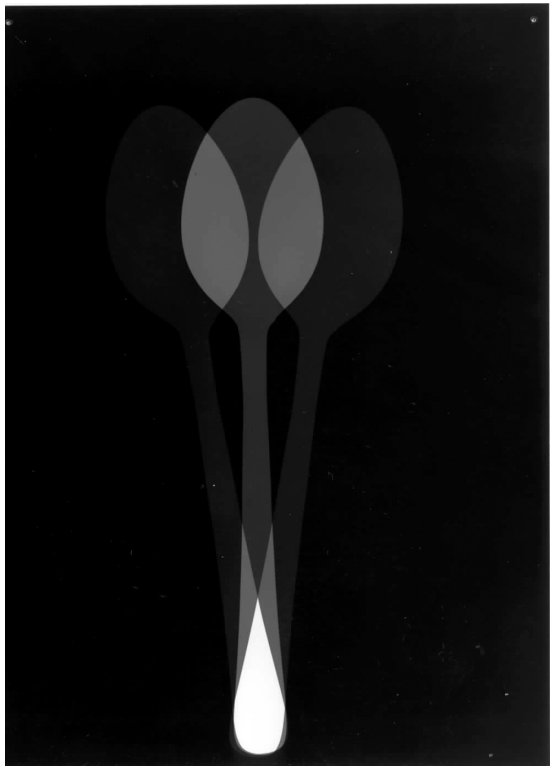
CREATE A PHOTOGRAM!

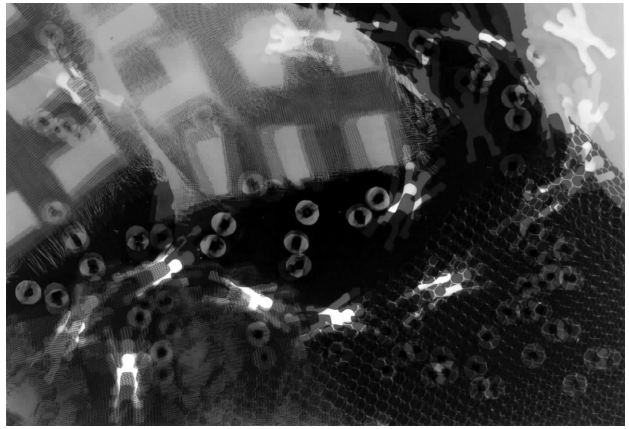
USING OBJECTS THAT ARE. . .

TRANSPARENT

TRANSLUCENT

OPAGUE

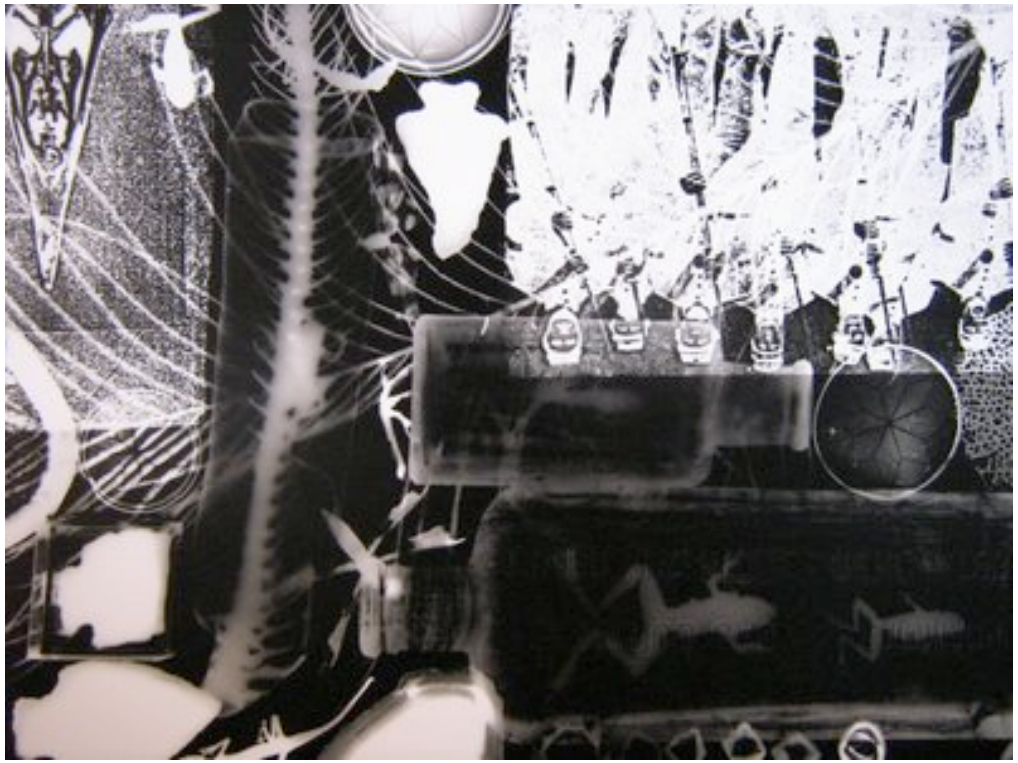


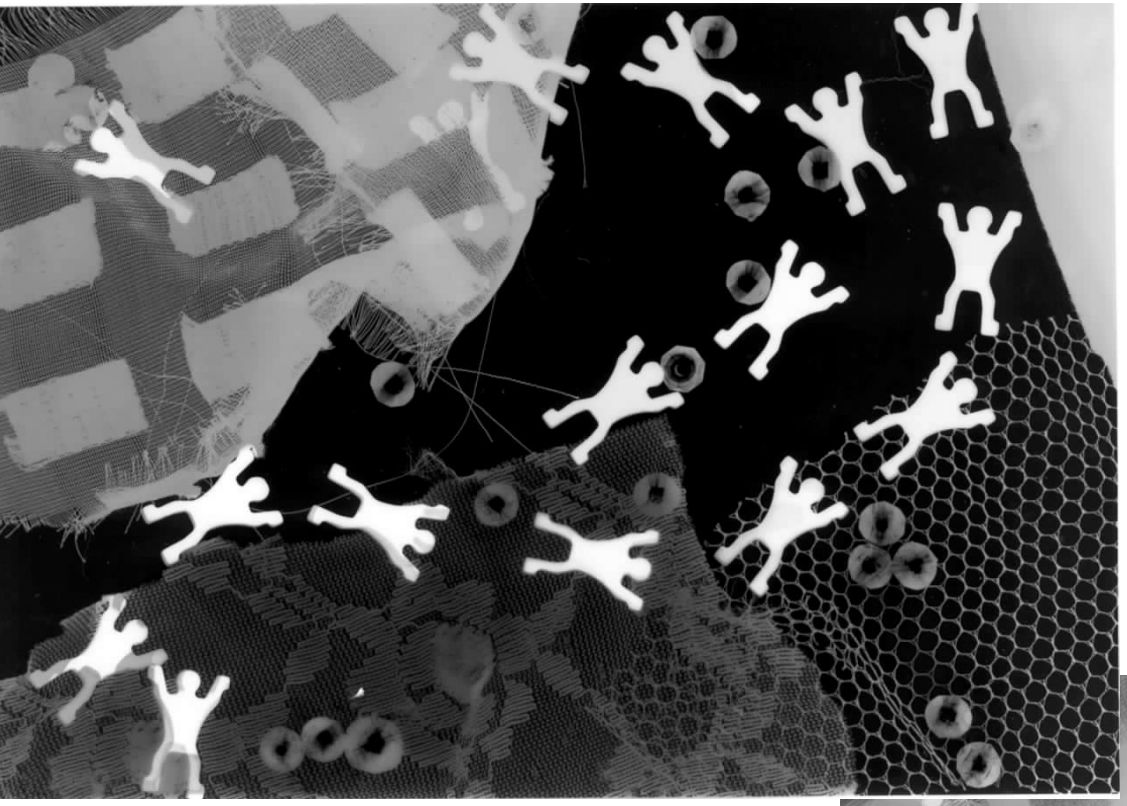


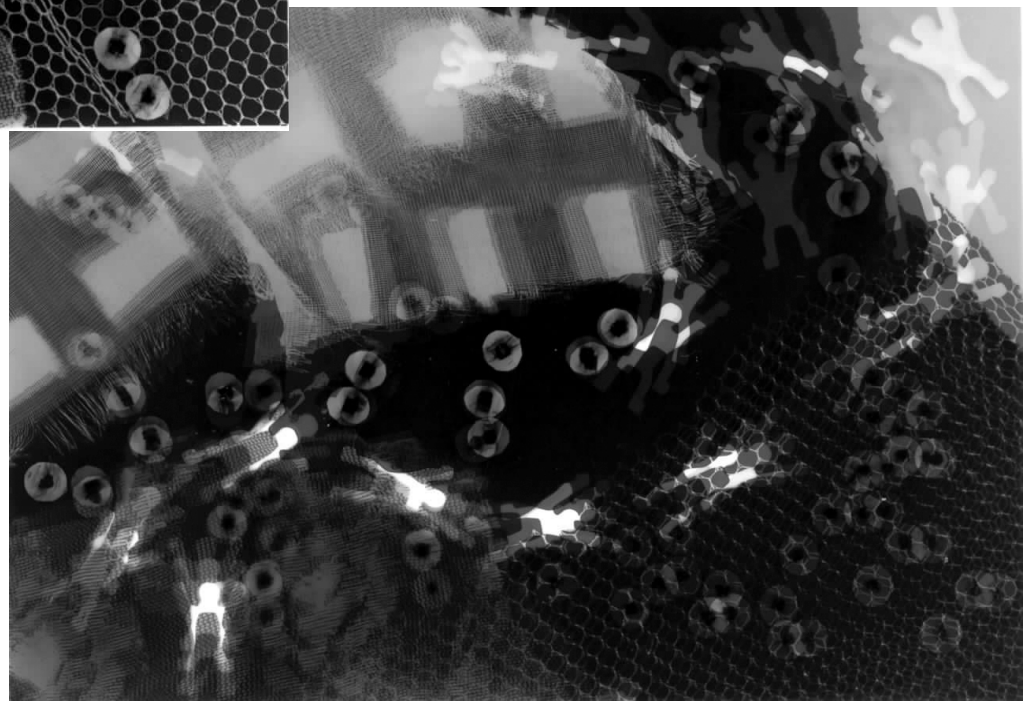
REMEMBER TO CONSIDER HOW COMPOSITIONS ARE PUT TOGETHER!!! PRACTICE ORGANIZING AND SKETCHING OUT YOUR IDEAS FIRST!!!

Visually explore:

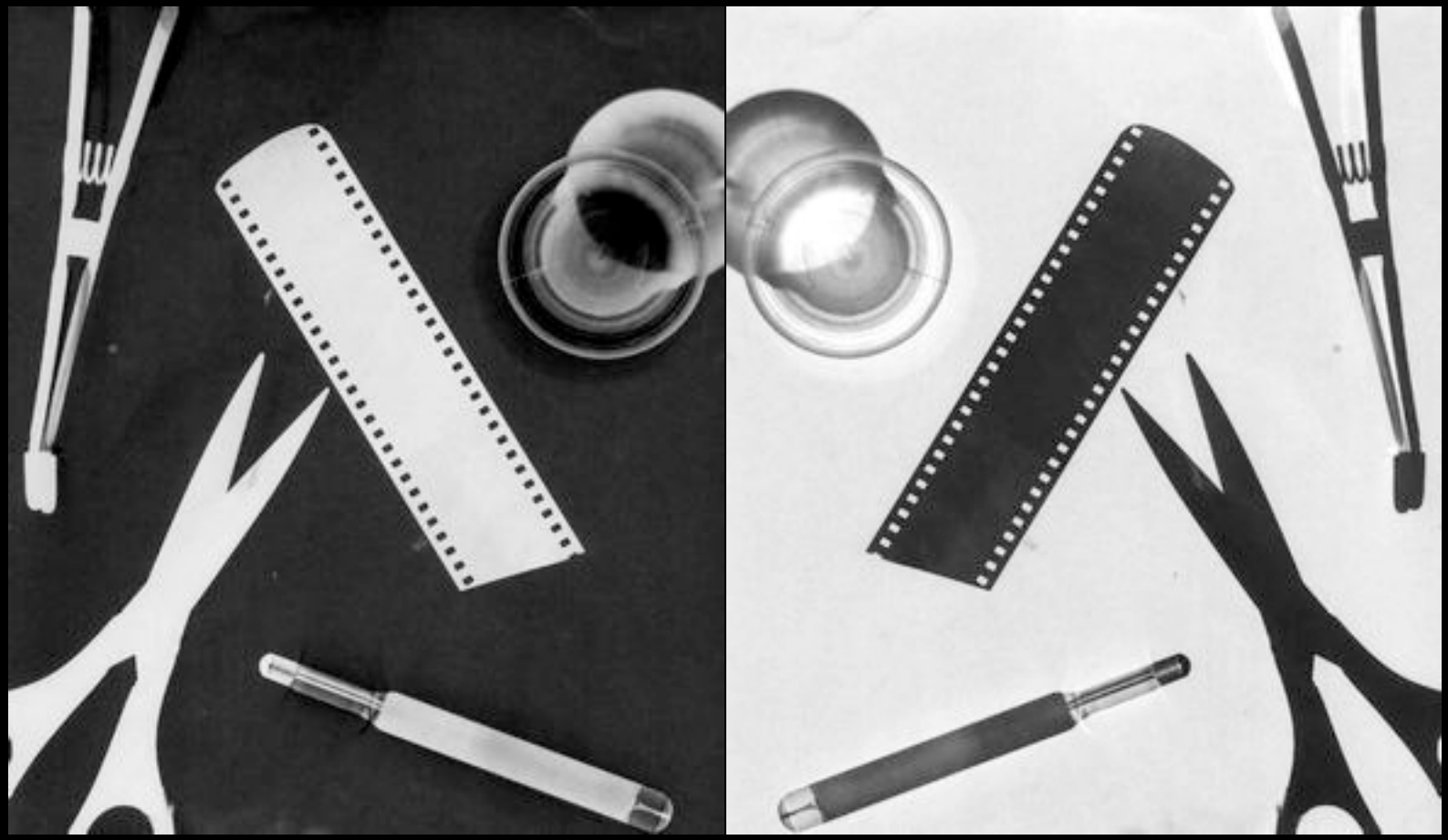
transparency, opacity, movement, x-ray effect







negative to positive

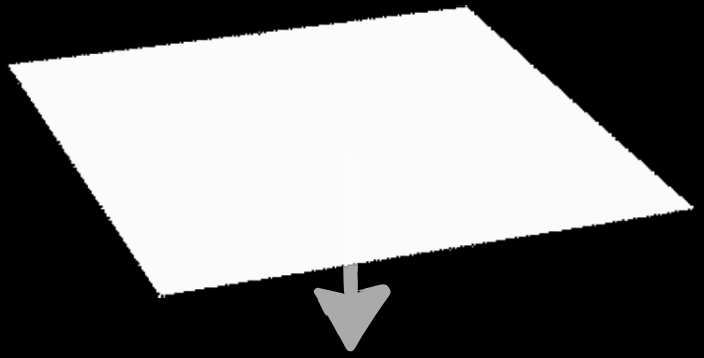


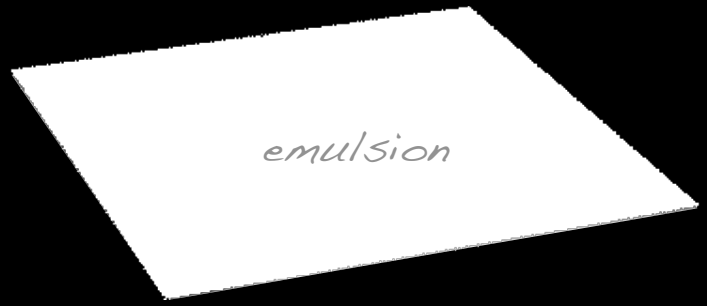
easels

Contact Easel
-for printing from sheets of negatives or from photos (no enlargement)

Print or Masking Easel
-for printing from negatives (enlargement)

photo paper




emulsion

emulsion

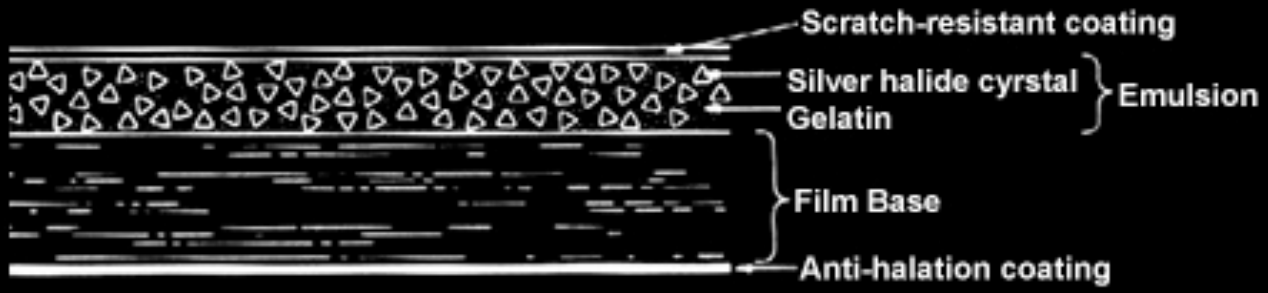
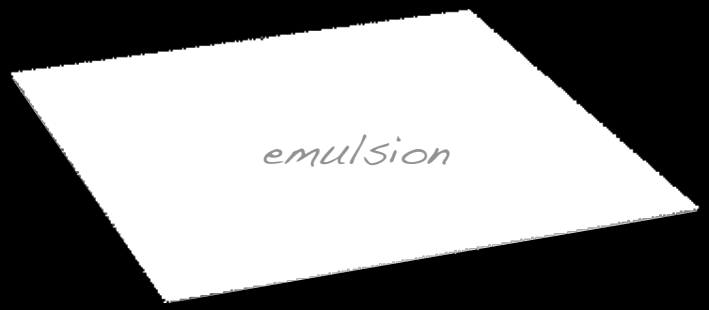
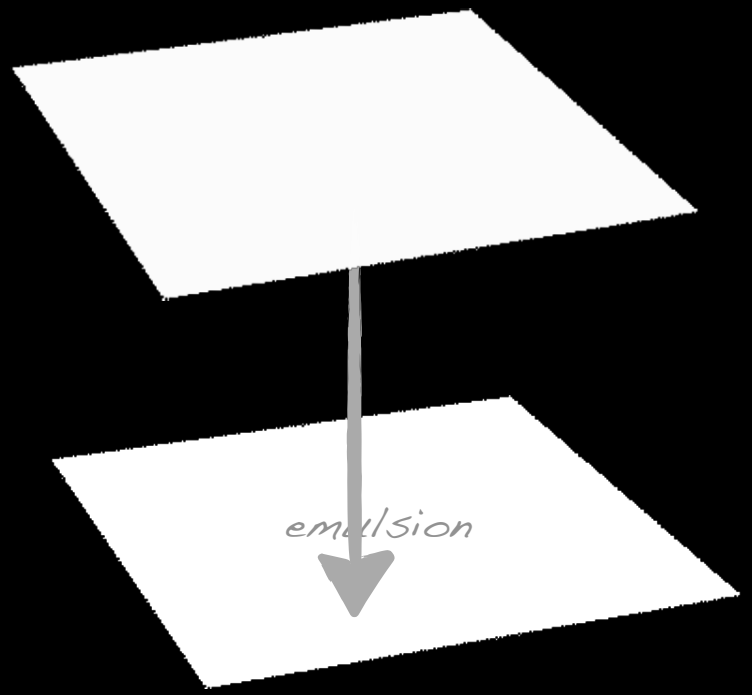

Scratch-resistant coating
Silver halide cyrstal
Gelatin
Emulsion
Film Base
Anti-halation coating

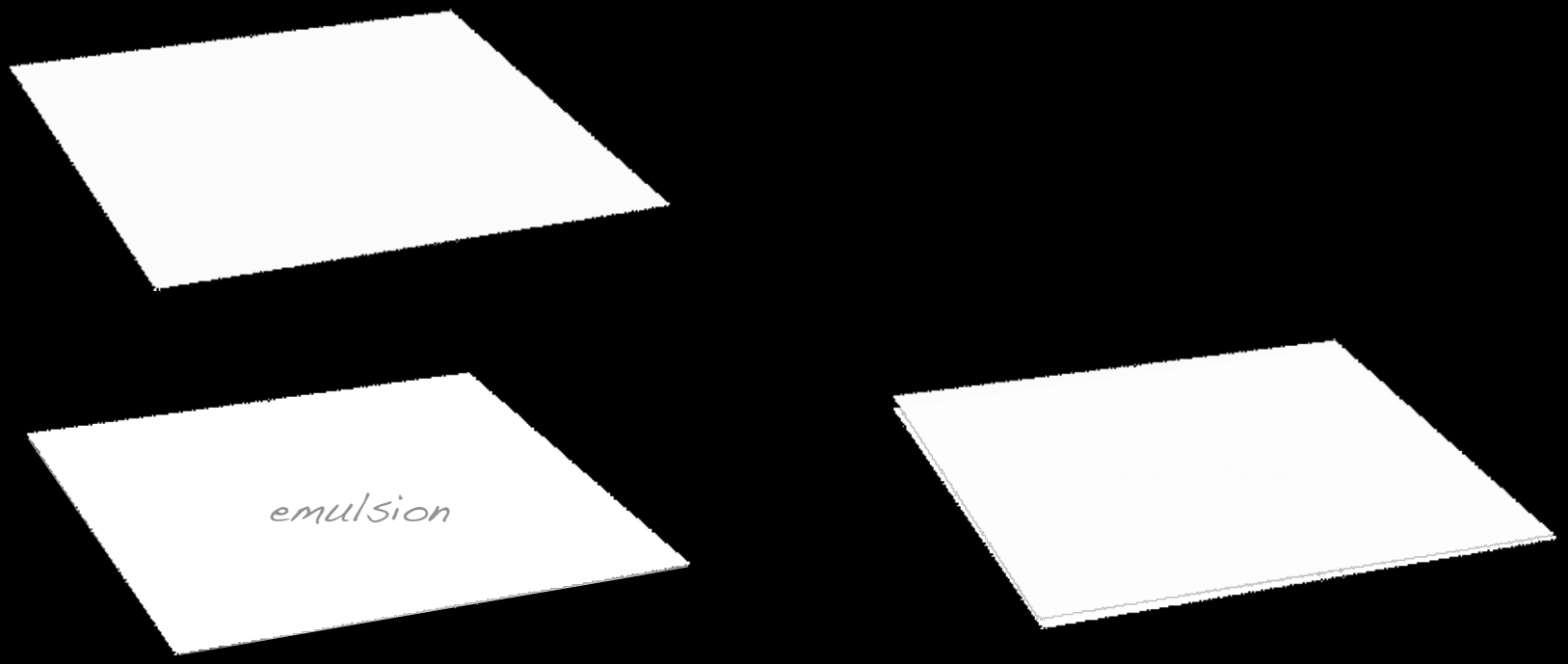
photo paper





-Negative on top
-New paper on bottom
-Emulsion to emulsion

photo paper



-Negative on top
-New paper on bottom
-Emulsion to emulsion

photo paper

-Negative on top
-New paper on bottom
-Emulsion to emulsion

photo paper

f/8 at 5 seconds

-Negative on top
-New paper on bottom
-Emulsion to emulsion

-Negative on top
-New paper on bottom
-Emulsion to emulsion