

What does the
word
PHOTOGRAPHY
mean?





PHOTOGRAPHY

=



WRITING WITH LIGHT

Photography is...

- Science & Art
- Combines physics, chemistry and optics with craftsmanship of printmaking & visual aesthetics
- Photography is all about
 - Subject
 - Time
 - Light

Camera-less Photography

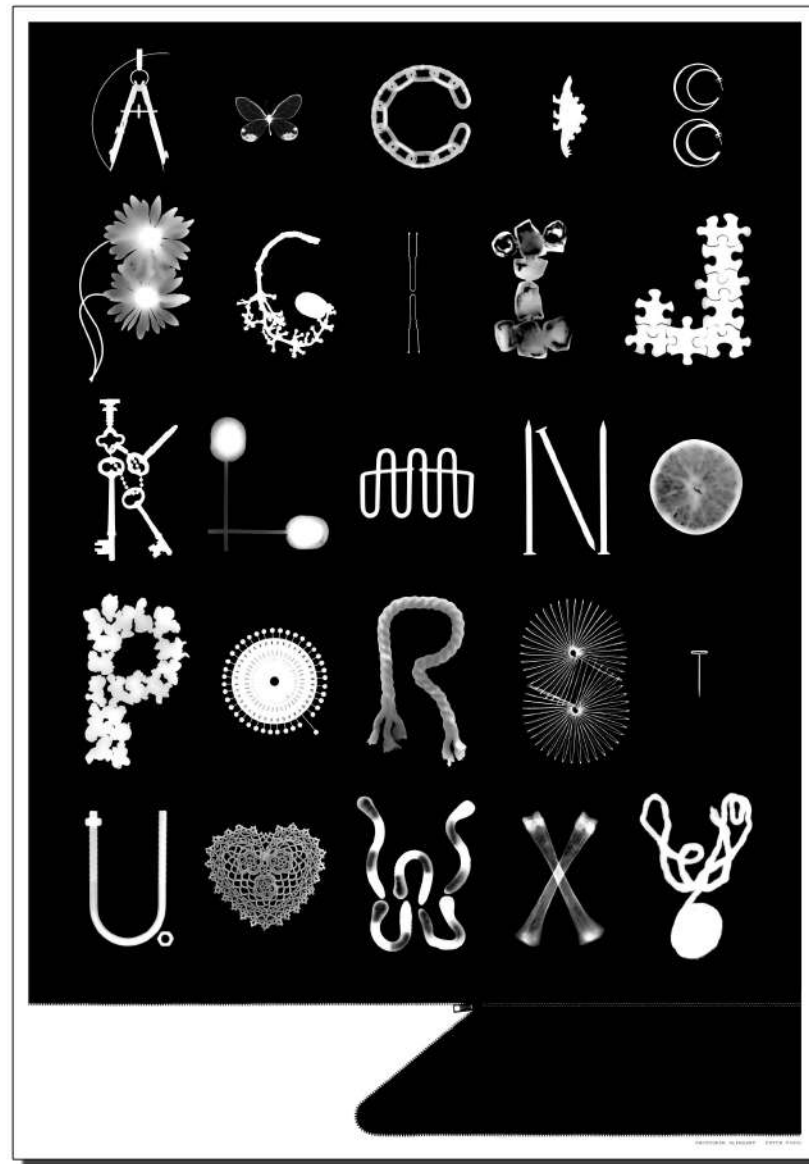
An introduction to the
PHOTOGRAM process
& its history...

Photogram Unit

Learning Targets

- I will demonstrate my understanding of the basic photographic process, equipment and chemicals by creating a negative and positive photogram.
- I will synthesize my understanding of the elements and principles in my photogram composition, which will include a strong focal point, movement and theme.

What is a Photogram?



What is a Photogram?

- A **PHOTOGRAM** is a photographic print made by placing objects onto *light-sensitive paper* and *exposing it with light* from above
 - without the use of a camera



What is a Photogram?

Also known as **RAYOGRAM** after photographer **MAN RAY** who claims to have discovered the process.



How does a photogram work?

- Areas of the paper that have received no light appear white; those exposed through transparent or semi-transparent objects appear grey.
(click image for video)

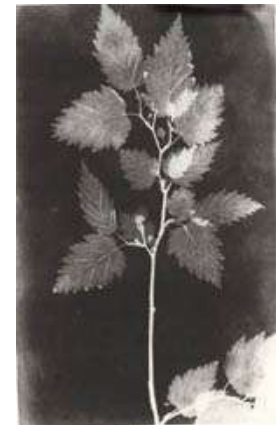


PHOTOGRAMS FOR SCIENCE

HENRY FOX TALBOT



In the 1830s, **HENRY FOX TALBOT**, a pioneer of photography, started making photograms of plants, which he referred to as **‘PHOTOGENIC DRAWINGS’**.



ANNA ATKINS



ANNA ATKINS was the first woman photographer.

She became interested in making accurate drawings of plant life and used photography and the cyanotype process as her tools.

Photograms for Art

Most **PHOTOGRAMS** made in the 1800s were documentary experiments. It wasn't until the **MODERNIST MOVEMENT** in the 20th Century that artists started to make photograms as art works focusing on **form, movement** and **space**.

**Lotte
Jacobi**



**Christian
Shad**



Man Ray



Laszlo Moholy Nagy





- Both **MAN RAY** and **MOHOLY - NAGY** brought photograms from the scientific to the realm of art.
- They often used 3-dimensional objects to see how they would translate onto a 2-dimensional photo (light) sensitive surface.
- They used an artificial light source and sometimes moved the light and the objects around during exposure .

PHOTOGRAMS

CONTEMPORARY APPLICATIONS

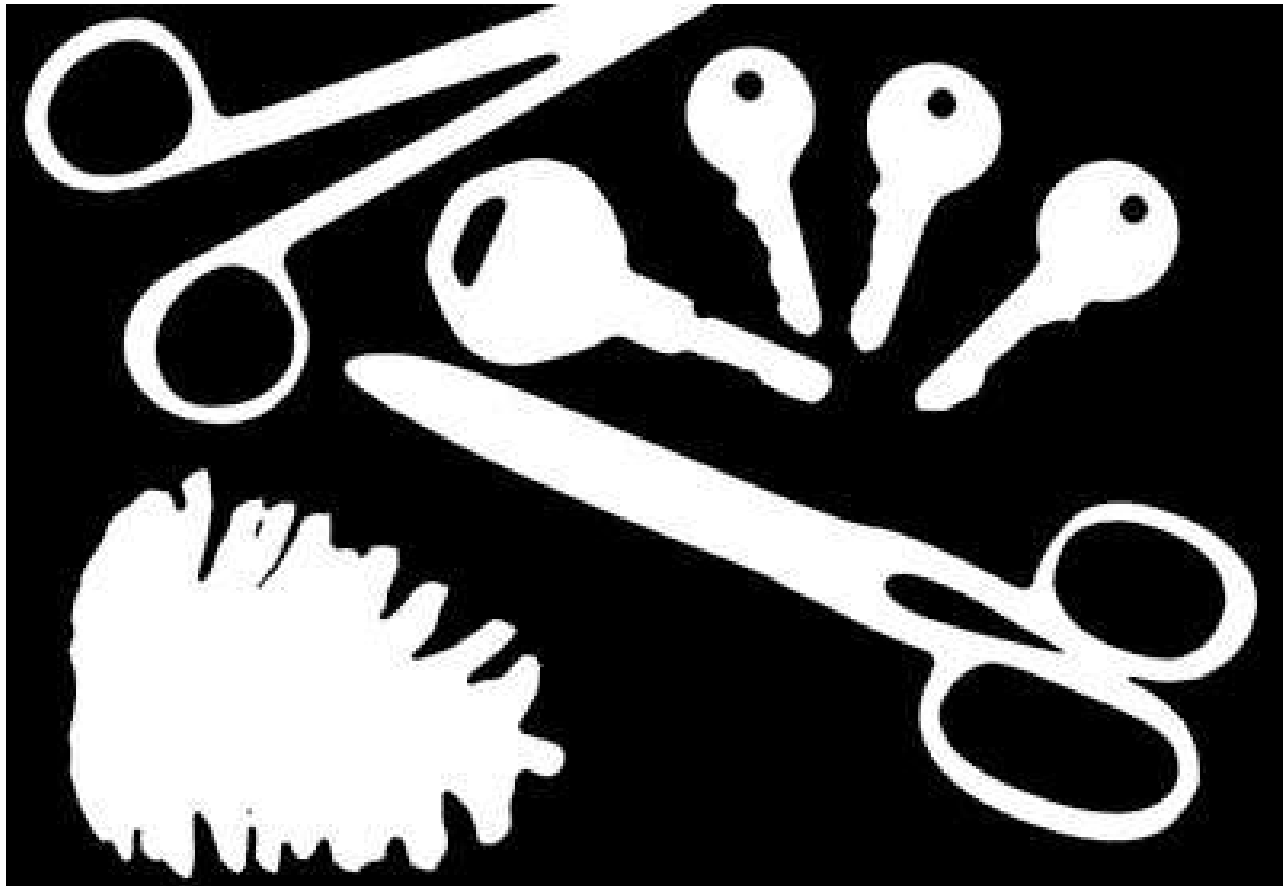
Abe Morell

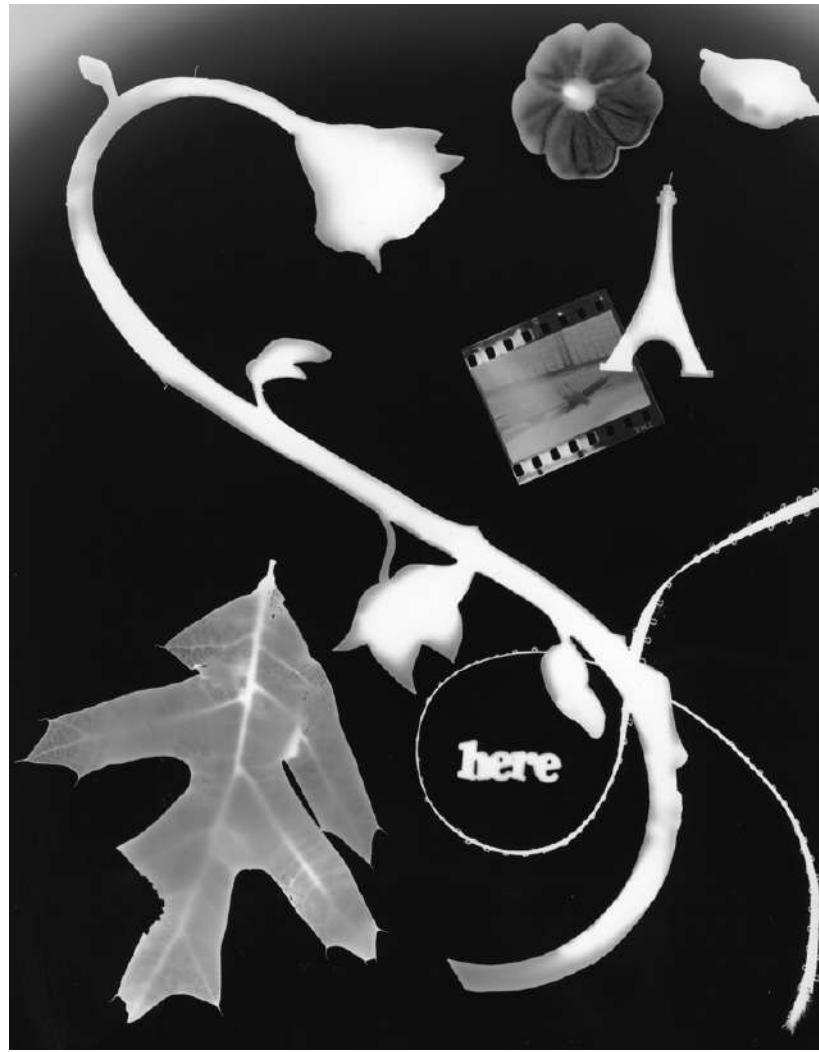


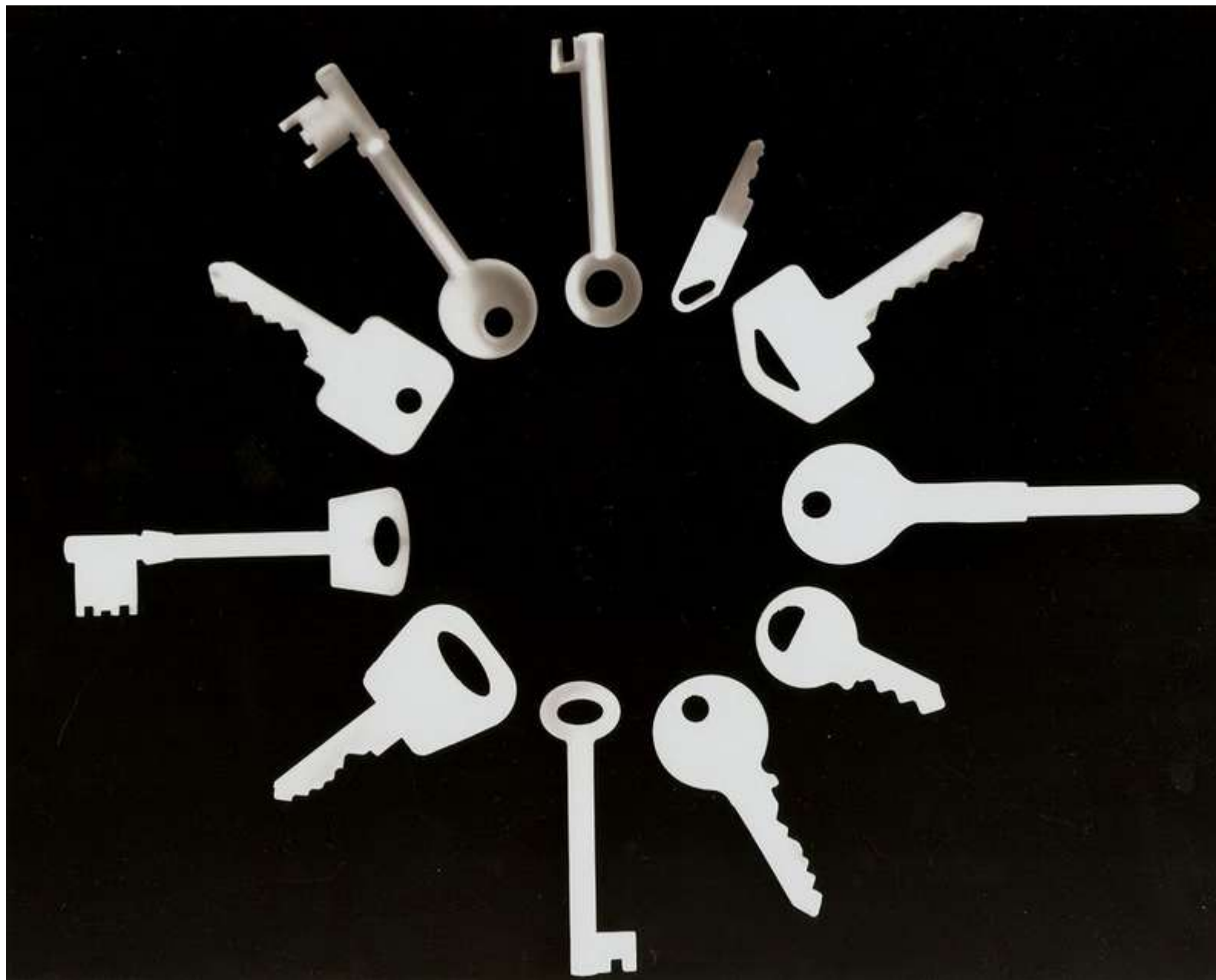
Martha Madigan



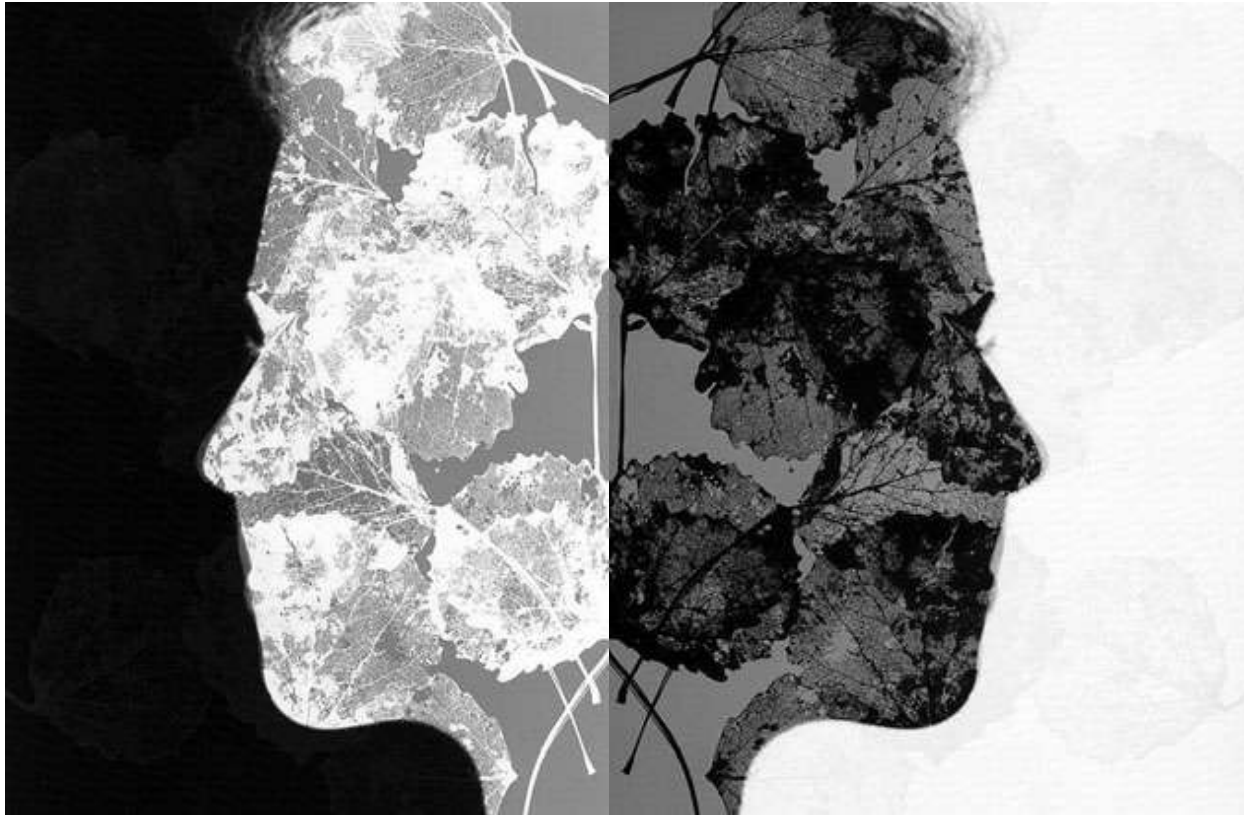
Good, Bad or Meh Examples...











Negative Photograph =
Empty space is black
and objects are white
and grey.

Positive Photograph =
empty space is white
And objects are black and
grey

Photogram Assignment

- Apply your knowledge of the elements and principles of design by creating a dynamic composition out of objects of varying transparencies.
- Successfully create 1 negative & 1 positive photogram in Photoshop. Both images must contain a true black, pure white and a full range of greys.

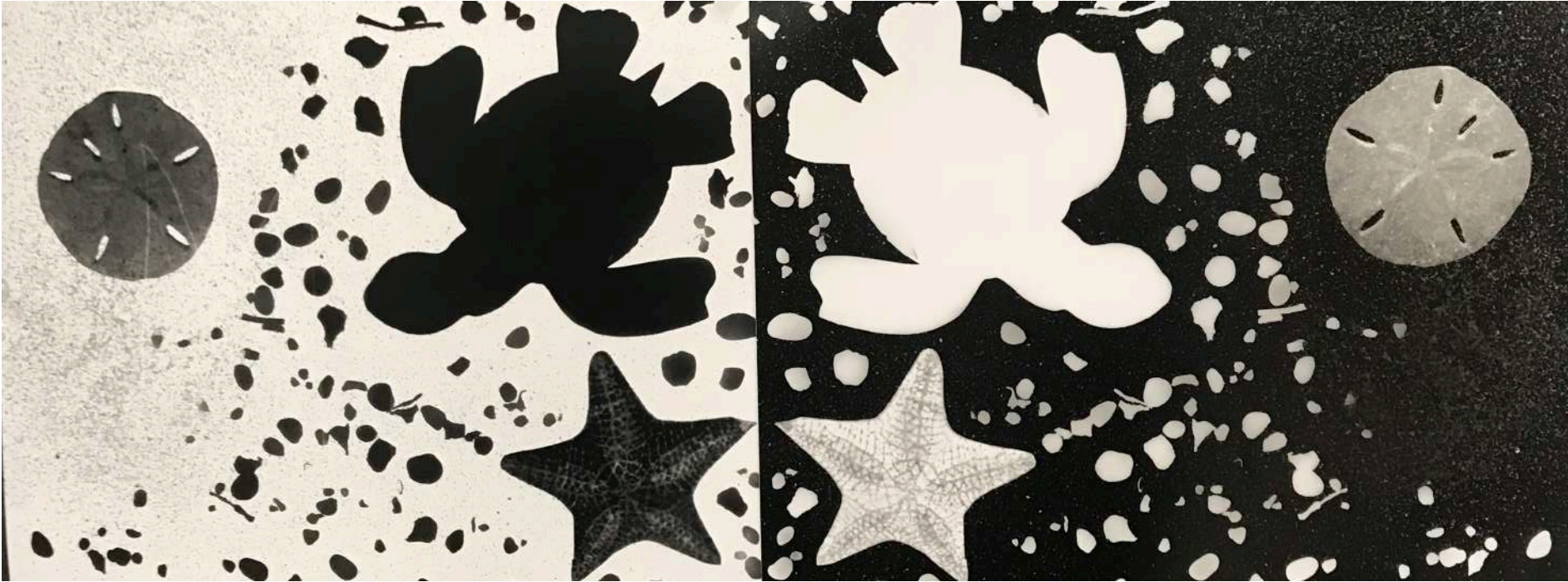
Ideas for objects...

1. Objects of varying transparencies
2. Different textured objects
3. Collections of items
4. Cut paper shapes
5. Drawings on transparent paper
6. Objects from nature
7. Different sizes of objects

Student Examples

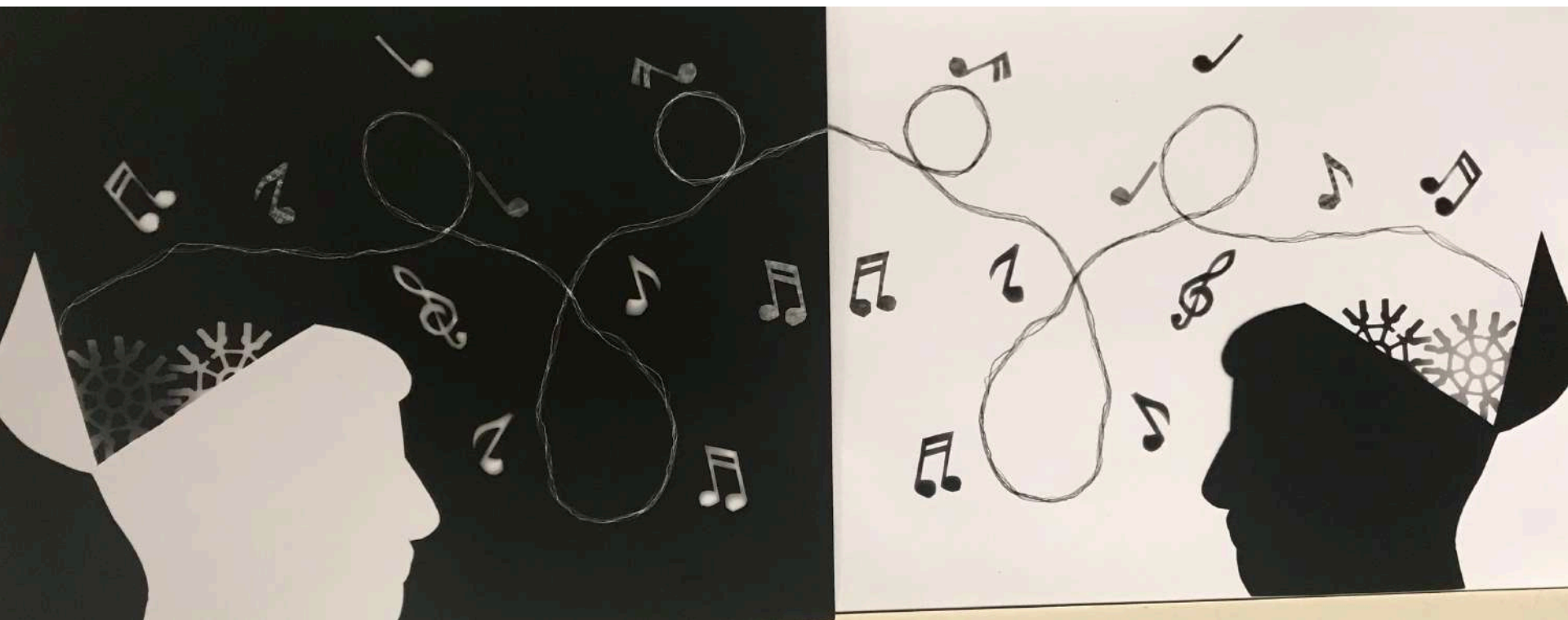




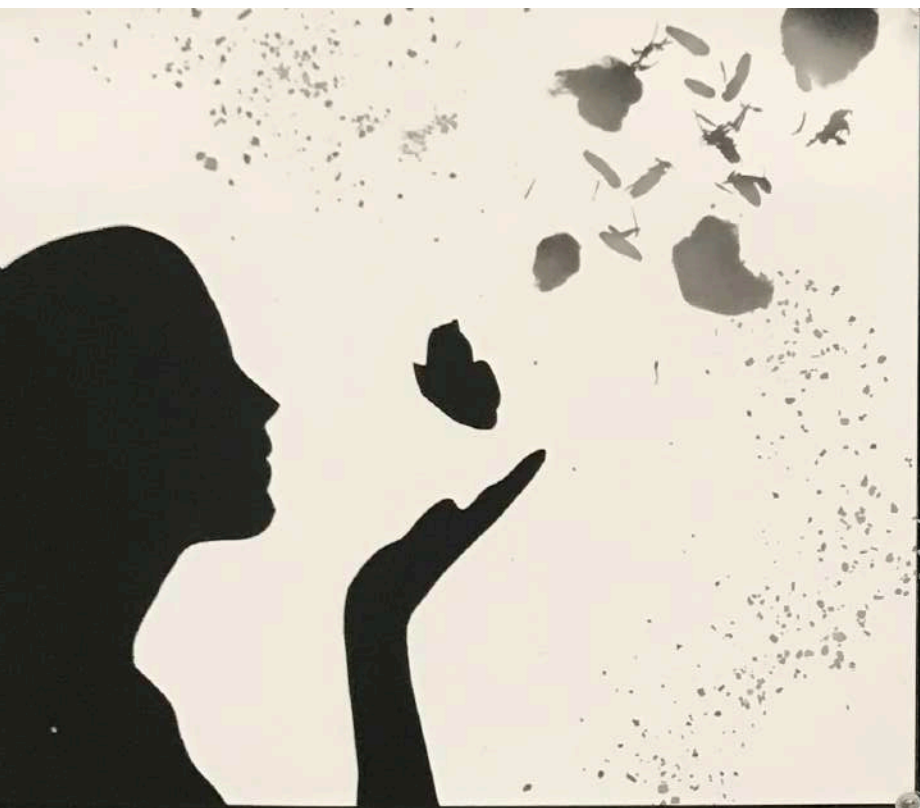


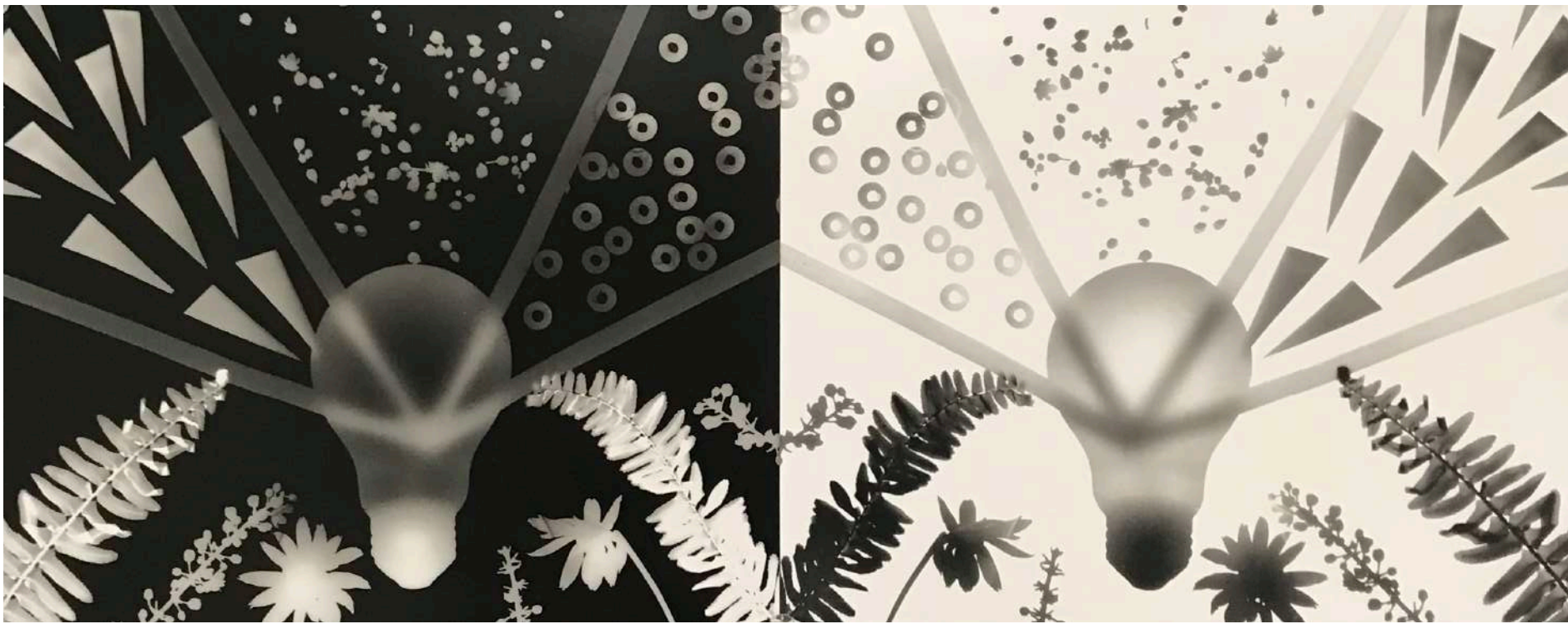












Homework

- Begin collecting objects for your photogram.

Next week I will show you how we will be creating cyanotypes and photograms digitally!