

CYANOTYPES

WHAT IS IT?

- ▶ Process that produces cyan-blue prints
- ▶ Used to make low cost copies of drawing
- ▶ Where the term "blueprints" comes from



- ▶ A mixture of ammonium iron (III) citrate and potassium ferricyanide
- ▶ Discovered by Sir John Herschel in 1842
- ▶ Brought to photography by Anna Atkins

HOW?



Sir John Herschel. "Still in My Teens," 1838. Cyanotype.



Sir John Herschel. "The Honourable Mrs. Leicester Stanhope," 1836. Cyanotype.

HERSCHEL

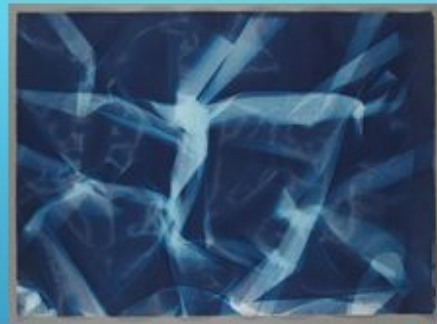
ANNA ATKINS

- ▶ Photogram process
 - ▶ Placing objects on light sensitive material and exposing it to Ultraviolet Light.

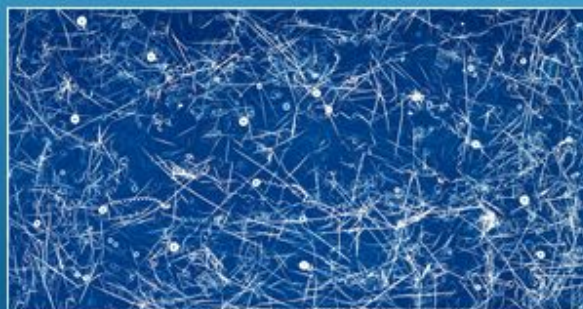


Christian Marclay, "Unwound Cassette Tape" (2012)

<https://artthescience.com/blog/2016/12/02/works-botanical-cyanotypes/>



Barbara Kasten, "Photogenic Painting (Untitled 75/31)" (1975)



Christian Marclay
All over (The Oakridge Boys, Rollin Band, Styx and Others)
2009
Unique Cyanotype
51-1/2 x 100 inches

Cyanotype Sketchbook

Definition of a Cyanotype

Two 4x5 planning sections

Who discovered Cyanotype

Who brought Cyanotype to photography

What are the two chemicals used in cyanotype

Criteria	Unsatisfactory 0-6 points	Emerging 7-8 points	Proficient 8-9 points	Advanced 9-10 points	Student Eval	Teacher Eval
<i>Elements of Art and Principles of Design</i>	The student did minimum or the artwork was never completed.	The student did the assignment in a satisfactory manner but lack of planning was evident.	The work shows that the student applied the principles/elements of art when composing the pages.	The artwork shows that the student applied the principles/elements of art in a creative and unique way.		
<i>Creativity</i>	The student pages show little or no evidence of original thought.	The student pages lack originality or research.	The student pages demonstrate a real effort to be creative and show evidence of research.	The student pages demonstrate a unique level of thought and originality and research.		
<i>Effort</i>	The student did not finish the work in a satisfactory manner.	The student finished the pages, but lacks touches or can be improved upon with little effort.	The student completed the pages in an above average manner yet more could have been done.	The student gave effort far beyond the requirements of the assignment.		

<i>Skill</i>	The student showed poor craftsmanship or lack of understanding.	The student showed average craftsmanship and understanding..	The student showed above average craftsmanship and understanding.	The artwork is outstanding and was finished with a great deal of patience and pride.		
<i>Objectives</i>	Student did not follow instructions .	Some Objectives have been fulfilled.	All objectives have been fulfilled.	Student has fulfilled all objectives to a high level of sophistication.		

Cyanotype Process Steps

1. Gather your objects and a piece of glass.
2. Get the paper from Ms. Michael (**This process is similar to Lumen prints**)
3. Put your paper down in a sunny area, with the blue side up (this is the emulsion side)
4. Place your objects on the paper like your planning page
5. Put the glass on the objects.
6. Let the paper expose until the background turns white. If you do not let it turn white, the exposure will be off and dull.
7. Take your items and paper in to the classroom
8. Rinse with **water**
9. Agitate the print until the colors switch. The white will turn blue and the blue will turn white.
10. Set them to dry
 - a. The image will turn darker as it dries
11. Repeat the process for your next image

Cyanotype 1

Exposure- The print has been exposed for the correct time and is a deep blue

1 2 3 4 5 6 7 8 9 10

Creativity- The photographs are interesting and creative. They have a good use of Elements and Principles of Design

1 2 3 4 5 6 7 8 9 10

Craftsmanship- The photographs are done neatly

1 2 3 4 5 6 7 8 9 10

Composition- Thought was clearly put into planning, the image shows dynamic compositions.

1 2 3 4 5 6 7 8 9 10

Cyanotype 2

Exposure- The print has been exposed for the correct time and is a deep blue

1 2 3 4 5 6 7 8 9 10

Creativity- The photographs are interesting and creative. They have a good use of Elements and Principles of Design

1 2 3 4 5 6 7 8 9 10

Craftsmanship- The photographs are done neatly

1 2 3 4 5 6 7 8 9 10

Composition- Thought was clearly put into planning, the image shows dynamic compositions.

1 2 3 4 5 6 7 8 9 10