

KOHL'S
Design
It! Lab

QUARTER THREE

STEM SUMMER

step 1
IDEATION
step 2
GRAB YOUR MATERIALS
step 3
MAKE A PROTOTYPE!

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AUGUST: CYANOTYPE

AGES 5+ 10-15 MINUTES

Make beautiful prints with the power of the sun (or sun equivalent). We're exploring the world of sun printing with plenty of fun stencils and found objects to create cool collages.

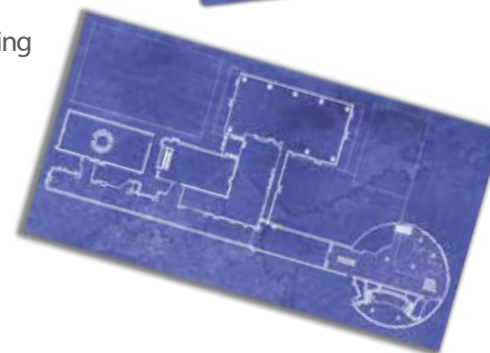


EARLY PHOTOS

Cyanotype is a form of printing that activates with sunlight. It is one of the oldest forms of photography and was invented by Sir John Herschel in 1842.

For many years, cyanotype was a fast way to make copies and is the source of the term "blueprint".

Sun printing works by exposing paper covered with **light sensitive** chemicals to sunlight. We will be using a UV Lamp to replicate sunlight in our lab.



NEGATIVE IMAGE

Placing an object on top of the paper blocks light. Everywhere touched by sunlight darkens and the blocked areas stay light in color. Because the empty space around the object changes, this is a **negative image**.

WHAT MAKES A GOOD SUN PRINT?

Contrast - The complimentary nature of light and dark. Contrast is used to frame, create depth, and visual interest in media.

Focus - Having a main spot of interest (also known as a **Focal Point**).



QUESTIONS TO ASK YOURSELF

- How does UV exposure change the print? How does the rinse change the print?
- How much light does your objects block out?
- What are some creative ways you can use objects during sun printing?