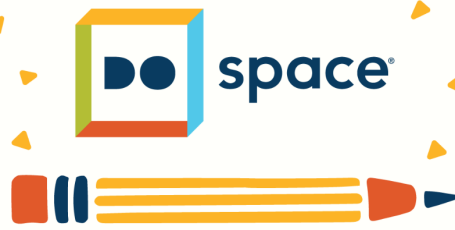


AFTER SCHOOL CLUB

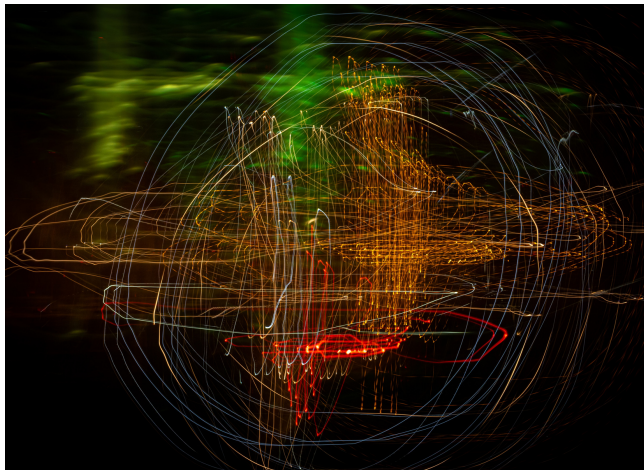


AGES 6-12
@ 5:00 PM

MAKE IT! - LITE BRITE PHOTOGRAPHY

INTRODUCTION

It's time to shed some light on cool camera tricks! This month we will build small flashlights and use them to "paint" incredible scenes with long exposure photography. Your family's photo will be emailed to you the following day.



Subjects:

- Circuitry
- Photography

Standards:

- 4 PS 4-2
- 3 PS 2-2

nextgenscience.org

Maker Capacities:

- Juxtapose
- Explore Inner Workings

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WHAT WE'LL BE USING:

LEDs
Popsicle Sticks
Conductive Tape

DSLR Camera

How does exposure affect my pictures?

Exposure is a measure of how much light is being allowed into your camera. When you press the button on your camera, that "click" you hear is an aperture rapidly opening and closing, letting in a certain amount of light. In order for the camera to soak up more light for our long exposure shots, we keep that aperture open longer, for seconds at a time!

Key Terms

- Exposure
- ISO
- Aperture