



a WOW Lab
BLUEPRINT

Solargraphy

Introduction

Students will each get to build a pinhole camera from a pop can or film canister. They will observe the path of the sun as it moves across the sky by recording it on photographic paper, without the need to develop the photographs using chemicals. As the sun moves across the sky, it burns its path onto the photographic paper.

In addition to learning the basic optics of a camera, students will explore the seasons and the cycles of day and night. The exposure time of the camera can range from a few days to several months depending on the desired number of pathways.