



15-minute Family STEAM

SUN PRINTS

1. Gather a collection of interesting leaves and flowers. If they are very uneven, pressed them briefly under a book to flatten them
2. Work in a shaded area and create a layout on a single piece of the photo-sensitive paper (blue side up).
3. place the arrangement in a sunny spot and allow it to sit in the sun for approximately 2-4 minutes. Once it is exposed to the sun, the paper will lighten and the pattern of the objects appears in dark blue.
4. Next, remove the paper from the sun and dipped in water to stop the chemical process. (You can add lemon juice to the water to create a darker blue)

Sun Print Science

The sun is made up of ultraviolet rays. These ultraviolet rays can break down the chemical bonds in different materials and some much more so than others. A fun experiment would be to try different types of paper and compare the results. Some paper might reflect rather than absorb some of the sun's rays making it less likely to fade as much.



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