

Sun trails

As the earth turns each day, the sun moves across the sky. You can use Sunprint paper to make a map of the path of sunlight on the earth.

What you need

- Sunprint paper
- Box—the open top should be larger than the piece of Sunprint paper
- Scissors
- Pan of water

Making the Sunprint

1. Use the scissors to make a small hole (approximately 0.5 cm diameter) in the bottom of the box.
2. As early in the morning as possible, place the Sunprint paper outside in the sun with the box set top down over it, so the sun shines through the hole onto the paper.
3. Leave it out for as long as possible, until the sun goes down.
4. Rinse the paper in the water, and let it develop.

Going further

- What would happen if there were two holes, three holes, or lots of holes?
- What happens if the clouds blow across the sun during exposure? Are there any areas on your print where it looks like the sky was cloudier than at other times? How can you tell?
- Do you think the results are the same in the winter and in the summer? What might make them different?
- What happens if you leave it out for a longer time, or a shorter one?