



I did many different things. That was very common for scientists in my time. I studied math, astronomy, photography. color blindness, plants and wrote about science.

We want to be

like that too!

And you discovered blueprinting. Can you explain how it works?

Of course. First you make a solution The solution looks like old tea with spinach, bothing

Nothing happens as long a you keep the sunlight away. You can smear the solution on (uncoated) paper or cloth (like a t-shirt).

When exposed to UV light (sun!) a chemical reaction will start. The iron (from the potassium ferricyanide) will change into a different type: from Fe3+ to Fe2+.)

By rinsing it with water you complete the reaction: the deep **Prussian blue** appears.



4. choose



prepaired paper en expose it to direct sunlight.

30 seconds to 1 minute. in bright sunlight, longer when it is cloudy. (5 mins. or more)

6. rinse

Rinse the exposed paper under a running tap. The exposed part will turn a deep blue! Rinse until all the yellow is gone.

7. dry

Leave to dry. Done! Don't you love it!? And that's chapter 6! Thank you **Marten Hazelaar** (martenhazelaar.nl/) and **Per-Ivar Kloen** (twitter.com/__pi), supermakers that have been bluerpinting with their students since forever.

We plan to make the full fifty chapters on all the tools on our poster, one by one. Each with some history, nice facts and lots of DIY ideas for home and schools.

We'll do it all together with the international maker-community. (You!) We'll make all chapters available for free through our website. (CC: BY-NC-ND 4.0)

Do you like our project and want to keep track of it? Or do you want to join in? Please follow our progress and get in touch: **www.lekkersamenklooien.nl**.

You'll also find a free download of the 50 tools poster there.

Or find me on Twitter: @astridpoot.

<3 love, Astrid

