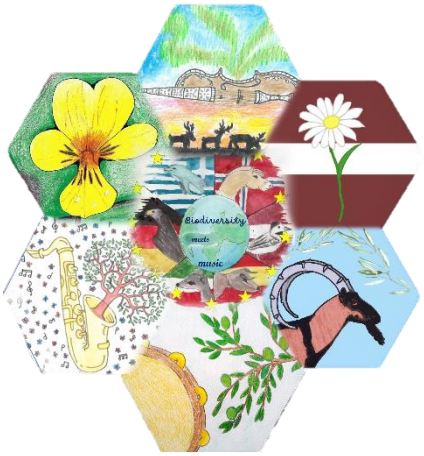

Cyanotype

Material list

- Paper, e.g., watercolour paper with 230g/m² (wood, fabrics etc.)
- Painting brushes (4-5 cm wide)
- Newspaper as a base
- protective goggles
- Photo frames A4
- A4 photo trays

Attention! Exposed dye is difficult to clean!

1) Making the light-sensitive paper: Paint over the paper with the given mixture, if needed twice. The application appears light green. An uneven application of paint may create great effects later. Caution: The mixture of the two chemical solutions is already sensitive to light, so the whole process must be done in as much darkness as possible (a weak light bulb won't do any harm). The light-sensitive paper only be stored in the dark (=> bin bags).

2) Originals: a) Inverted copy on transparent film. If necessary, any high-contrast image must first be turned to grayscale, inverted, and printed on a transparent film. Images with clear contrast gradations are best suited, low contrast images are only roughly transferred. b) Photograms: Take any object of your choice (e.g., keys, leaves, silhouettes, drawings on transparent sheets, ...) and place them on an OHP. Then place the cyanotype paper on it with the painted side facing down. Cover it (e.g., with black cloth) and expose it to OHP light for about 20 minutes.

3) Exposure to UV light: Direct sunlight on a bright sunny day is best.
Place the inverted picture on the light-sensitive paper and then expose it to UV light. The light areas in the inverted picture will soon change colour to a dark blue-green or grey or brown. If the black areas in the picture also change colour, the paper is sufficiently exposed. There is no need to worry about overexposure, the image will brighten considerably during the following wash.
Approximate time: in direct sunlight between 5 and 10 minutes, on cloudy days up to 45 minutes.

4) Washing: Rinse under water until all the green and brown areas have disappeared and a pure blue image is left, then leave it to dry. If there are still slightly greenish stains, you should keep rinsing the paper.

Exposure times based on experience:
Exposure times vary depending on the light intensity. The longer you expose the paper, the darker the result. The following can be used as a guide:

midday sun:	3 - 10 minutes, in the morning / evening a little longer
cloudy sky:	30 minutes (with solar paper 1-2 minutes)
strong UV lamp (e.g., facial tanner):	3 - 10 minutes
Building material lamp (4 lamps):	13 minutes and more
Overhead projector 1 metre distance:	3-4 hours
Overhead projector Overlay:	20 min.
Flat screen / laptop / beamer / monitor:	no empirical values