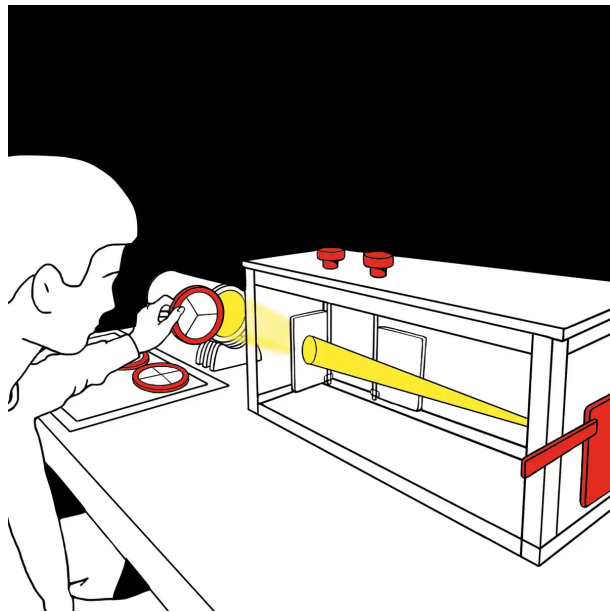


# Colour and light

Can you make light disappear?



Put different combinations of filter discs in the holder by the lamp.

See the coloured light beam in the tank.

Open the door at the end of the tank and see what light comes out.

Use the knobs on top of the tank to swivel the green or red filters into the light path.

Different combinations of filters produce different effects. A blue with a yellow filter produces green light. If you combine the blue filter with a red one, almost all light is blocked.

The white light is a mixture of all colours. Each filter removes some of these colours and lets the others through. For example, the red filter blocks everything but red light. The blue and the yellow filters transmit a small amount of green light.