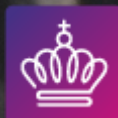




# YOUTH EXCHANGE DIY PHOTOGRAPHY



Erasmus+



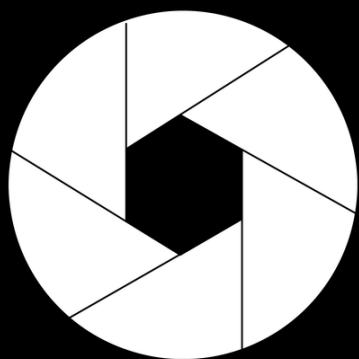
Uddannelses- og  
Forskningsministeriet



SFERA

YOUTH EXCHANGE

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# DIY PHOTOGRAPHY

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 DENMARK

 MACEDONIA

 LITHUANIA

 SPAIN

 ESTONIA

 SLOVAKIA

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29 NOV - 07 DEC 2018  
BITOLA, MACEDONIA

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# THE PROJECT

What is a pinhole camera? This is a camera created from a small light proof box, without a lens but with a tiny aperture, a pinhole in one side. Light from a scene passes through the aperture and projects an inverted image on the opposite side of the box. This is known as the camera obscura effect. The pinhole camera takes you away from technology, raises your head away from your mobile screen and from the constant picture taking of every possible thing you see. This pinhole camera will let you focus more on what you want to capture, to think about the subject and why you want to take a picture of this moment and place.



In this project, we created pinhole cameras. We wanted to share the knowledge in working with this type of camera, as a form of art and expressing yourself. We intended to motivate youngsters to try a different kind of photography, to learn the basics of photography and to understand the freedom that taking photos with a different camera than the one on their mobile phones gives. In the project, all participants created their own pinhole cameras and experienced this way of taking pictures themselves. Further on, we will also explain to you how to make these pinhole cameras.



During the project, we have promoted active volunteering, the EVS and the ERASMUS+ programme, and youth empowerment. We promoted photography as a form of activism to change society for the better!

## PARTICIPATING COUNTRIES



Spain



Lithuania



Estonia



Slovakia



Macedonia



Denmark

# PINHOLE CAMERA MATERIALS



- empty drinks ca
- small matchbox ( i.e. 47x35x14mm)
- new 35 mm film
- plastic page binder
- black tape
- clear tape
- think black marker
- thick black marker
- scalpel
- scissors
- a pin
- a ruler





# PINHOLE CAMERA

## HOW TO MAKE IT

1. Empty out the matchbox, turn it upside down and with a marker draw an X on the back and to the middle a square.
2. Cut out the square.
3. With black tape cover the sides of the matchboxes inside with a hole and continue to paint the inside of the box black with a marker.



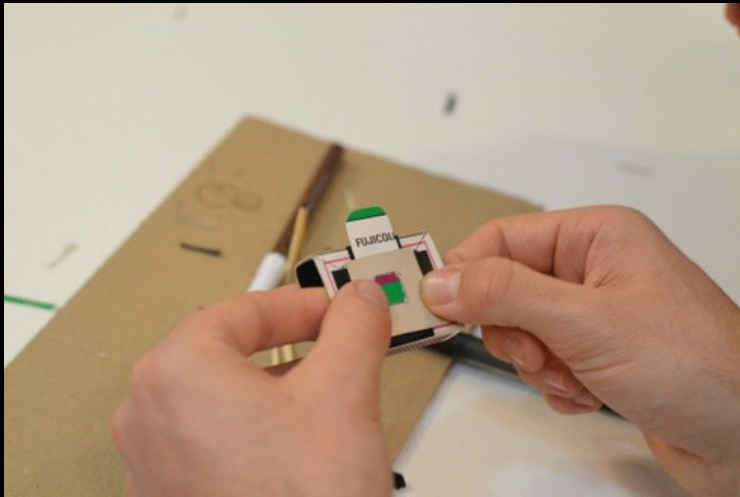
4. Then take the yet untouched matchbox cover, make an X onto that, draw a really small square and cut it out with a scalpel.
5. Continue to paint the inside of the box black with a marker.
6. Cut a small square piece out of the aluminum can. Then, make a tiny hole in the center of it, with the pin.
7. Place the piece of aluminum over the side of the matchbox with a small hole and fix it with insulating tape, not covering the hole.



8. From some additional cardboard do the same cut as with the outside cover of the matchbox, creating a small hole in the middle and then tape it again on the aluminum part.
9. Thanks to step 8, you now have a small opening on the upper part of the matchbox. Insert another small piece of cardboard to the upper part of the matchbox to use as a lid for the camera eye.

# PINHOLE CAMERA

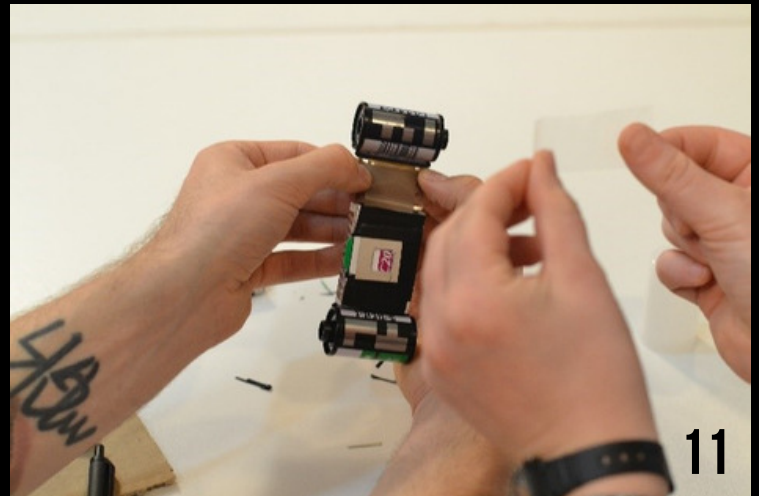
## HOW TO MAKE IT



10. Take the new film roll, unwrap it a bit and insert it through the matchbox. Cut the end of it, then use some thin tape to join the new film with the piece of film in the empty roll. Join them well, so they won't detach when you roll the film.

11. Then insert the taped and painted inside of the matchbox back inside the cover of the matchbox.

12. With black tape seal the whole camera so no light could get in and ruin the film. Only leaving open the movable cardboard piece and the eye of the camera.





# THE EXHIBITION





# THE FLASHMOB





Disclaimer: This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



made by participants of the youth exchange 'DIY Photography', 29 nov.- 7 dec. 2018

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