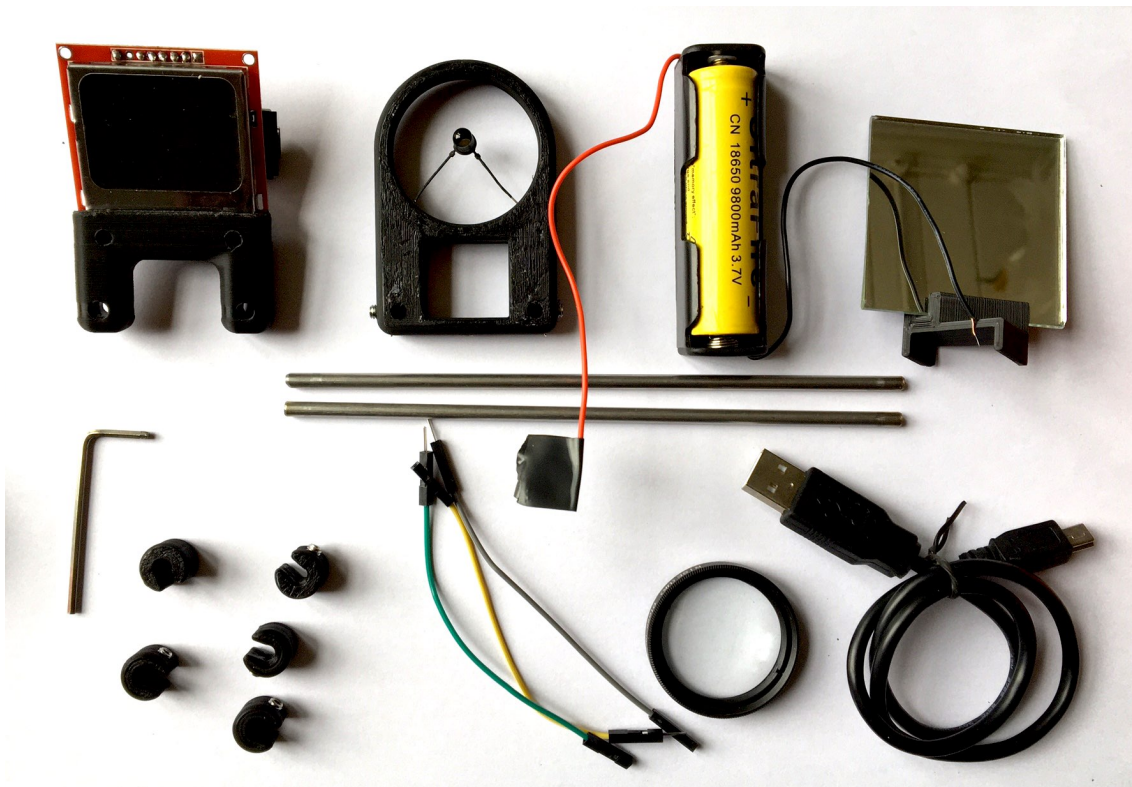


Hello,

Thank you for joining the Mini Projector Workshop. We are going to build an experimental DIY projector. Hopefully you have your kit. Please check it has all the following items:

- 1 x Screen and Arduino in holder
- 1 x Lens Holder with LED
- 1 x Rechargeable Battery in Holder
- 1 x Square Mirror and bracket
- 1 x Micro USB Lead
- 2 x 160mm Stainless Steel Rods
- 1 x Small Lens
- 5 x Rods Convector
- 3 x Dupont Leads
- 1 x 2mm Allen Key



The mini projector is quite dim so it would be good to have access to a darkish space (its works very well at night!!)

To do the Arduino programming part of the workshop you will need a computer with the follow:

- Arduino IDE Software installed <https://www.arduino.cc/en/software>
- Within Arduino IDE Software, Go to Tools> Manage Libraries> search for and install libraries: Adafruit\_GFX and Adafruit\_PCD8544
- CH340 driver installed - <https://learn.sparkfun.com/tutorials/how-to-install-ch340-drivers/>
- Have access to this google drive folder - <https://drive.google.com/drive/folders/16U-GIYJQh3A9y821hZ5GUIV-IVsMiXhP?usp=sharing>

If you are able to get this ready before that would be super.

See you all soon!

Tom