

Saint George D&T Department have been supporting the NHS through the creation of protective visors for the NHS.

Mr Darrell Pardy (Creative Arts Technician) has been in contact with a local group called “3D printing Heros” that have set about 3D printing visors for the NHS and to date a collective 4000 visors have been created and donated to support the cause.

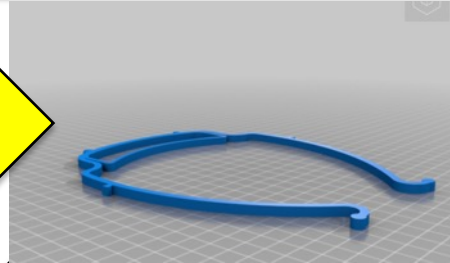
The Saint George 3D printer; alongside Mr Pardy’s handmade jigs to aid production; has produced around 200 visors to date.

Here are a few photos of the excellent work that is being done.

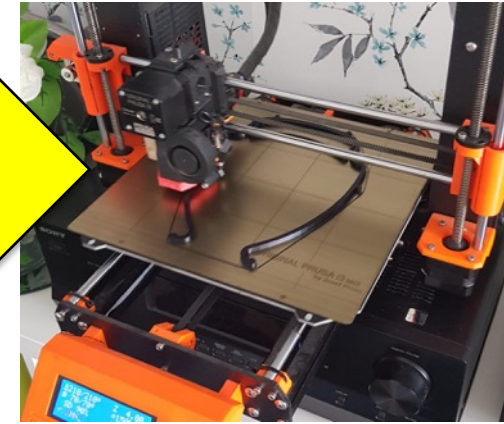


The Visors from production through to use

**The File being used to print.
Approved by Southampton
General Hospital.**



**Saint George 3D
printer Hard at
work printing
the visor band.**



**Drilling Jig to ensure
accuracy of where the
holes in the visors go.**



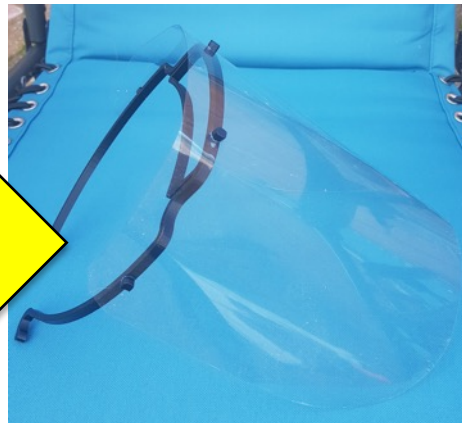
**3D printed visor
band, ready for the
face shield to be
added.**



**Cutting jig to ensure
accuracy and consistency
when cutting the face shield
part.**

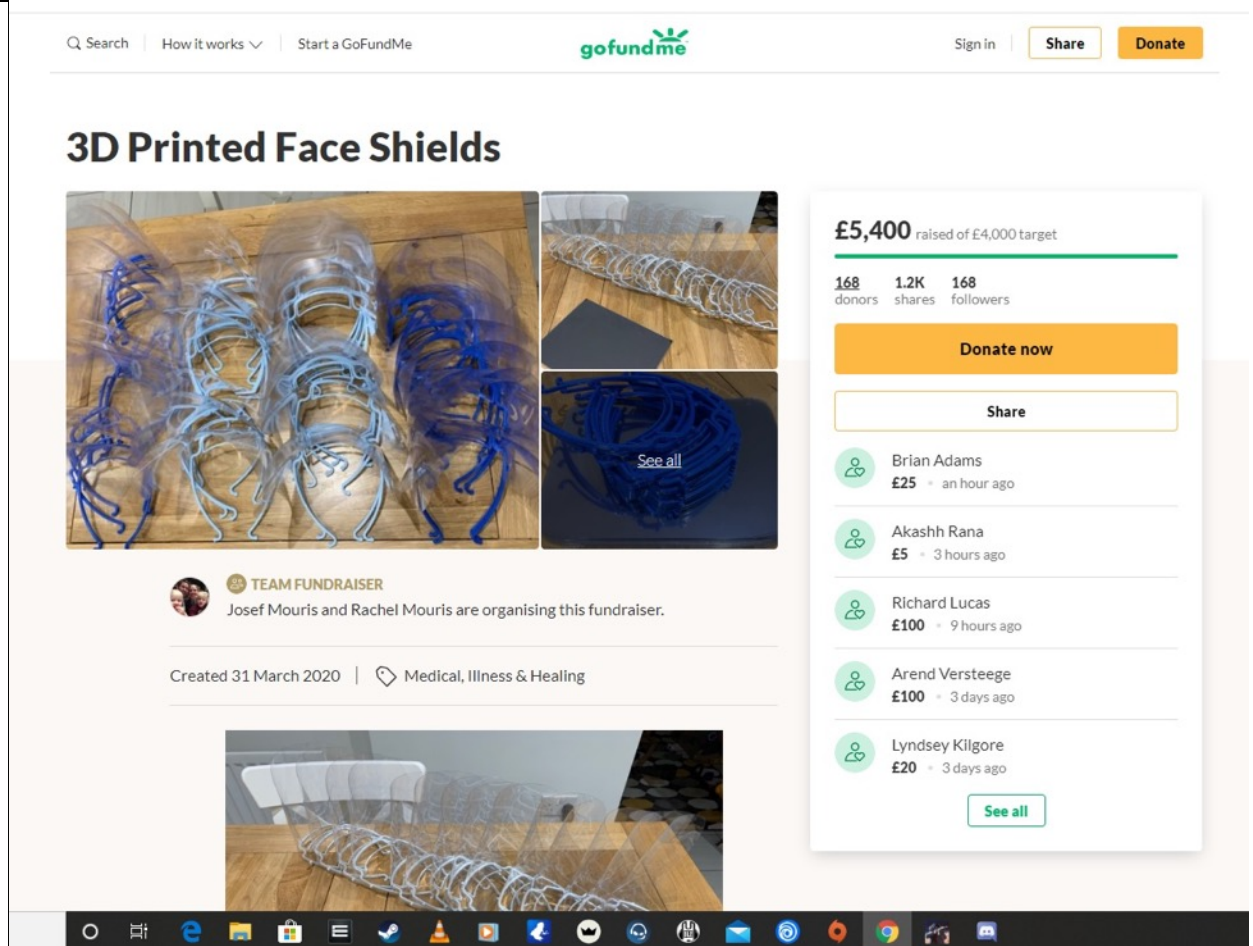


**Final Product & Shot of them being used
by Southampton General Hospital staff.**



Crowd Funding

Saint George Catholic College have donated all materials available to them in the creation of the visors, however some more excellent work is being done through community crowd funding where over £5000 has been raised and this number is still climbing.



The screenshot shows a GoFundMe campaign titled "3D Printed Face Shields". The page features a main image of several clear plastic face shields with blue 3D printed frames. A secondary image shows a long row of these shields on a wooden table. The campaign has raised £5,400 towards a £4,000 target, with 168 donors, 1.2K shares, and 168 followers. A list of donors is visible on the right, including Brian Adams (£25), Akashh Rana (£5), Richard Lucas (£100), Arend Versteeg (£100), and Lyndsey Kilgore (£20). The campaign was created on 31 March 2020 and is categorized under "Medical, Illness & Healing".

Q Search | How it works | Start a GoFundMe | **gofundme** | Sign in | Share | Donate

3D Printed Face Shields

£5,400 raised of £4,000 target

168 donors | 1.2K shares | 168 followers

Donate now

Share

TEAM FUNDRAISER
Josef Mouris and Rachel Mouris are organising this fundraiser.

Created 31 March 2020 | Medical, Illness & Healing

Donors:

- Brian Adams £25 · an hour ago
- Akashh Rana £5 · 3 hours ago
- Richard Lucas £100 · 9 hours ago
- Arend Versteeg £100 · 3 days ago
- Lyndsey Kilgore £20 · 3 days ago

[See all](#)

Design & Technology Department

The poster to the right shows the collective efforts that Design & Technology departments have been going to across the country to step up and support our NHS in the fight against corona virus. Below is a sample of the efforts that Saint George Catholic College have been contributed to this through creating 3D printed visors.



**OVER 270 SCHOOLS INVOLVED
IN THE FIGHT AGAINST COVID-19.**

WE ARE THE...

- ENGINEERS
- PRODUCT DESIGNERS
- LIFE SAVERS
- KEY WORKERS
- PROBLEM SOLVERS
- CREATIVE INDUSTRY
- TEAM PLAYERS
- ASSEMBLY LINE

OVER 140,000
ITEMS OF PPE MANUFACTURED & DONATED

- OVER 125,000 VISORS MANUFACTURED
- OVER 7,000 GOGGLES DONATED
- OVER 2,000 EAR RELIEVERS MANUFACTURED
- OVER 600 SCRUB BAGS MANUFACTURED
- OVER 800 MASKS MANUFACTURED/DONATED
- OVER 190 HEADBANDS MANUFACTURED
- OVER 160 SCRUBS MANUFACTURED

**WE ARE
DESIGN & TECHNOLOGY**

D&T PRUSA
SMOKES & MIRRORS
Kitronik
Supporting the
NHS