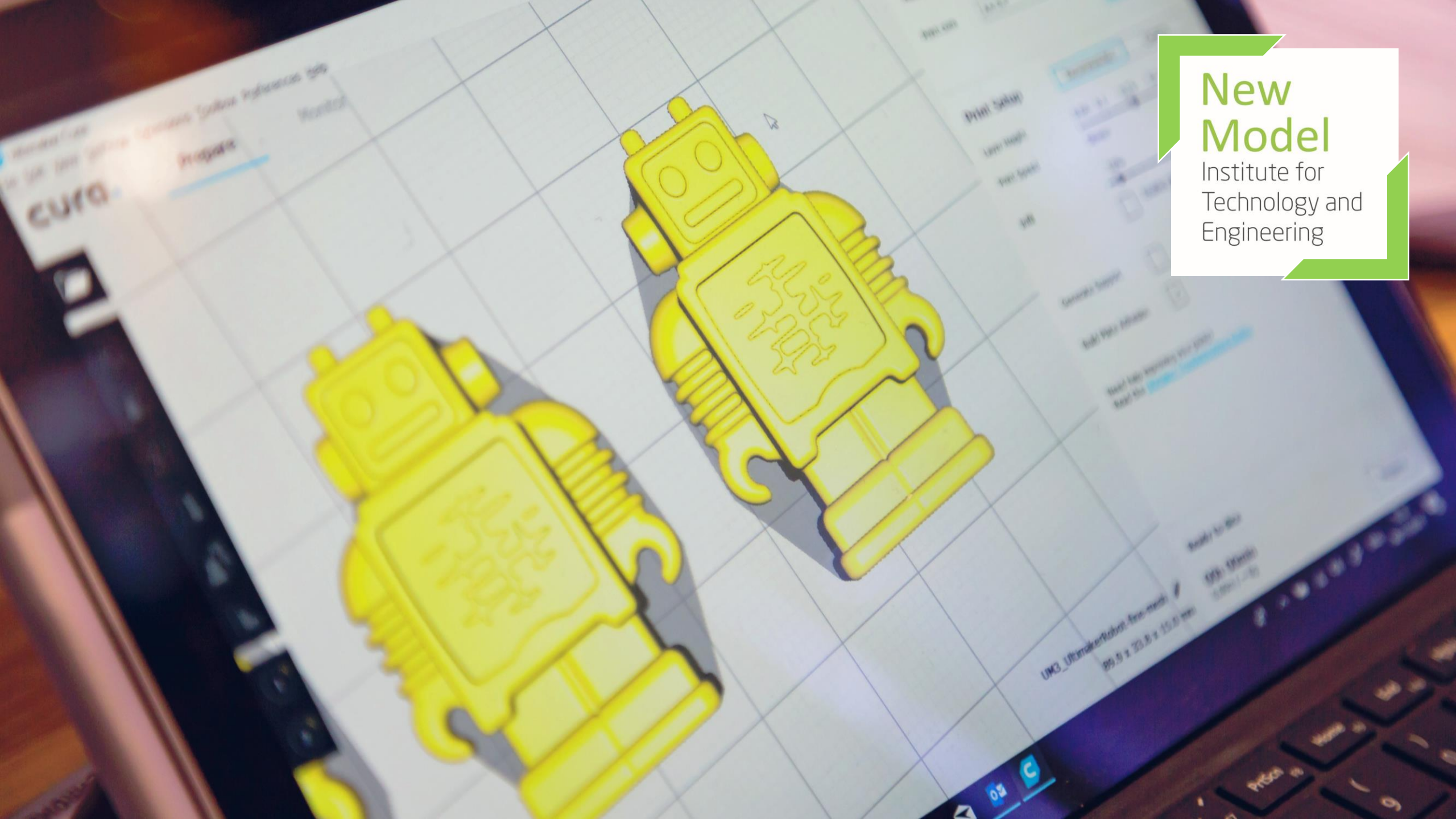


New Model

Institute for
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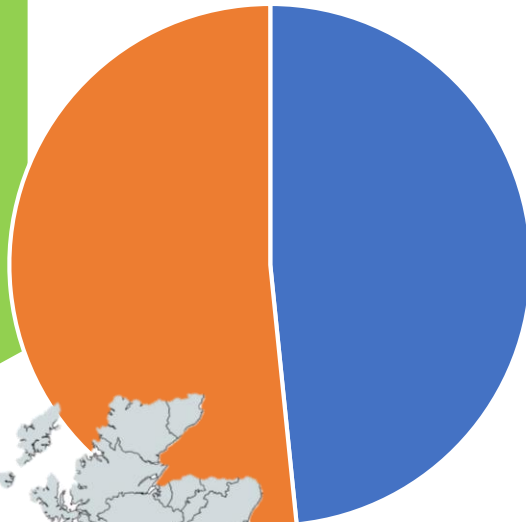


Who are we?

The Design Cohort



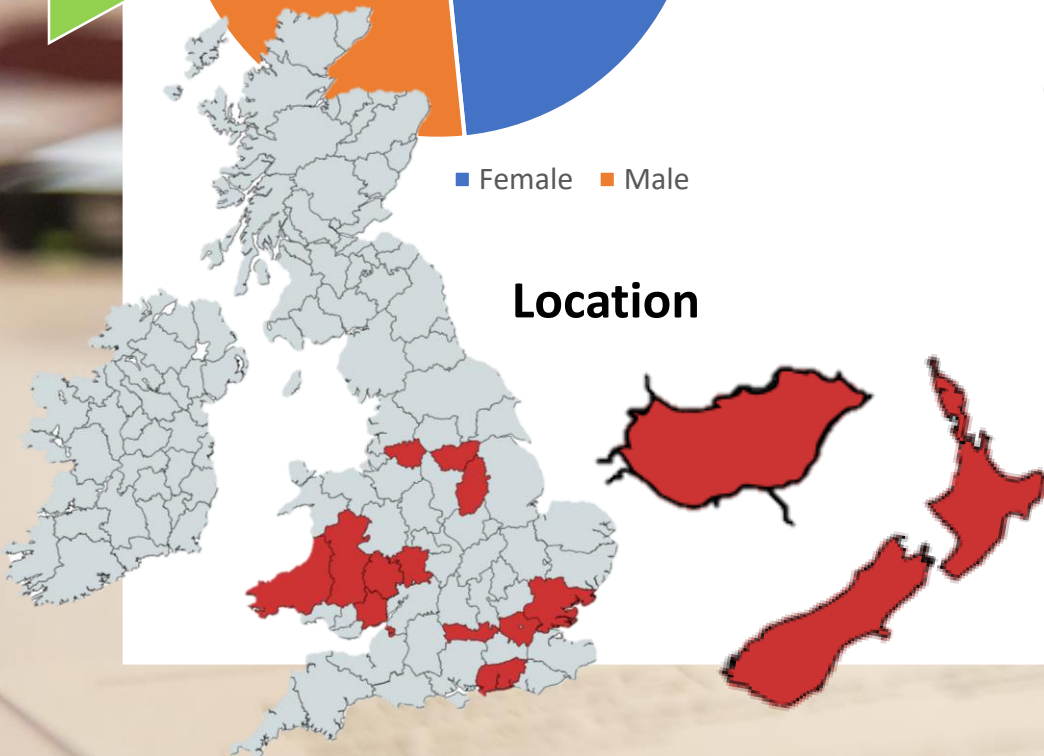
Gender



■ Female ■ Male

31 young people looking to make a change to education in the UK- and have fun doing it

Location

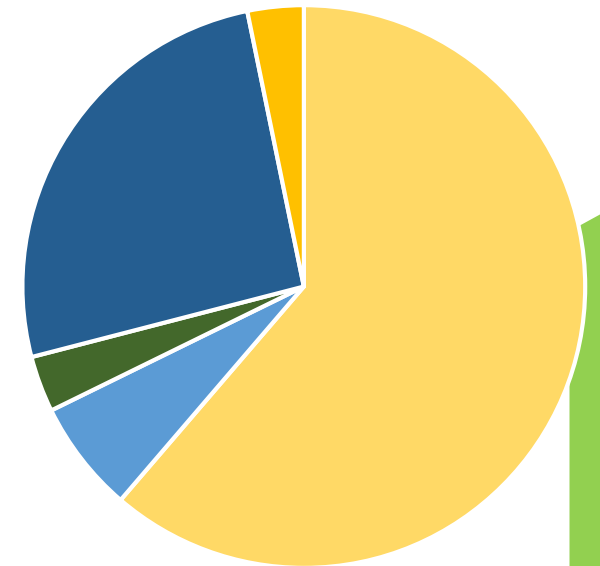


15 young women seeking to even out the playing field for STEM opportunities

5 young engineers looking to make an impact



Age



■ 18 ■ 19 ■ 21 ■ 22 ■ 25

Innovate • Create • Make

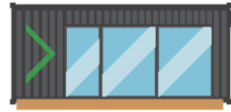
What did we do?



Sept 2018



Runway 1



Ingenuity Studio



Radio Toast



Learning Spaces

Marketing



Jan 2019

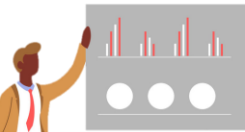


Runway 2



CAD Toolkit

Marketing 2



Partnerships



Spaces 2



Apr 2019



Runway 3



Fundraising



Mechatronics Toolkit



Materials
Sprint



Community
Based
Challenge



Design 'microstudios' that captivate an audience and demonstrate the core principles of science and design.

Engage

Encourage

Educate

Push young people to think outside the box, own their creativity and be open with their ideas.

Communicate to young people the world of design and innovation that engineering can be, pulling the focus away from a one-dimensional view of the industry.



Student radio

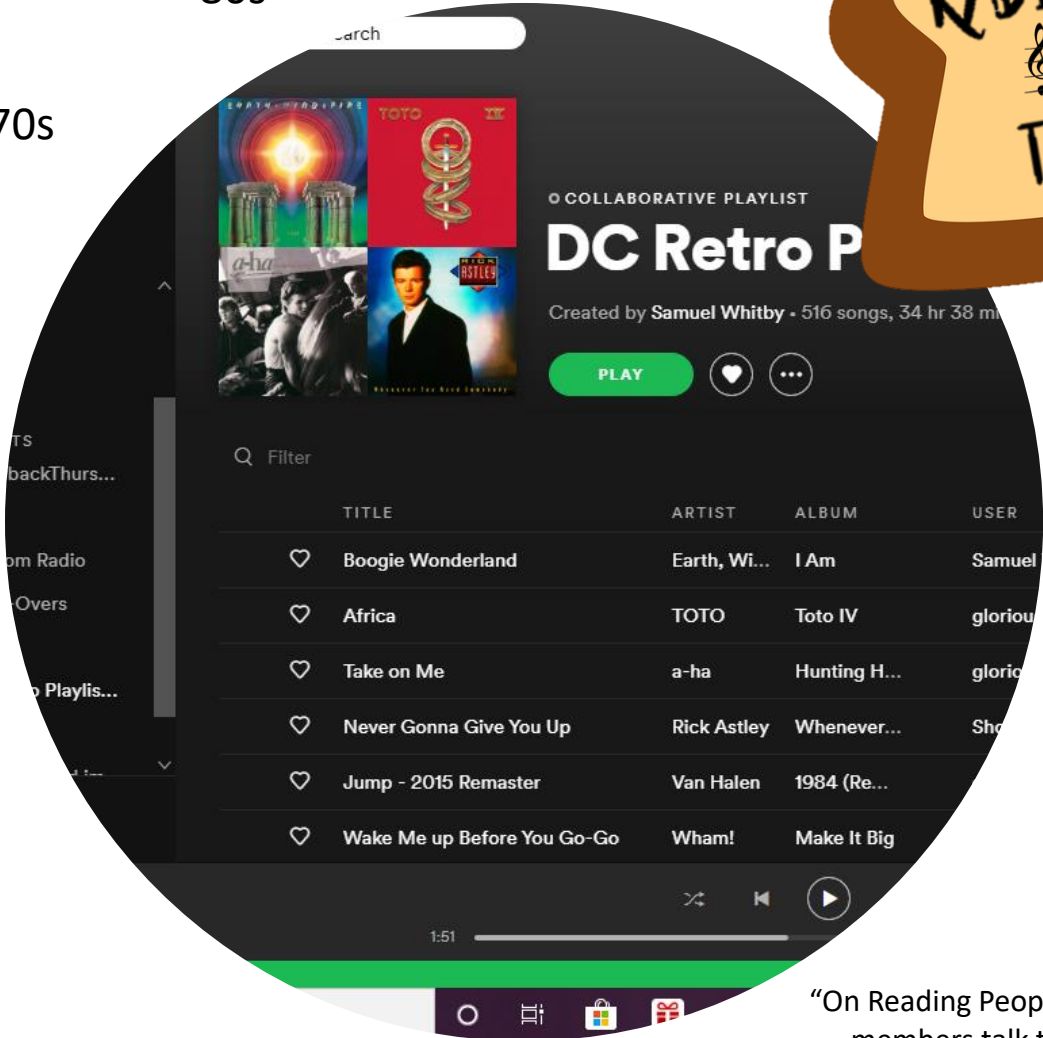
80s

90s

70s

46 books

18 guests



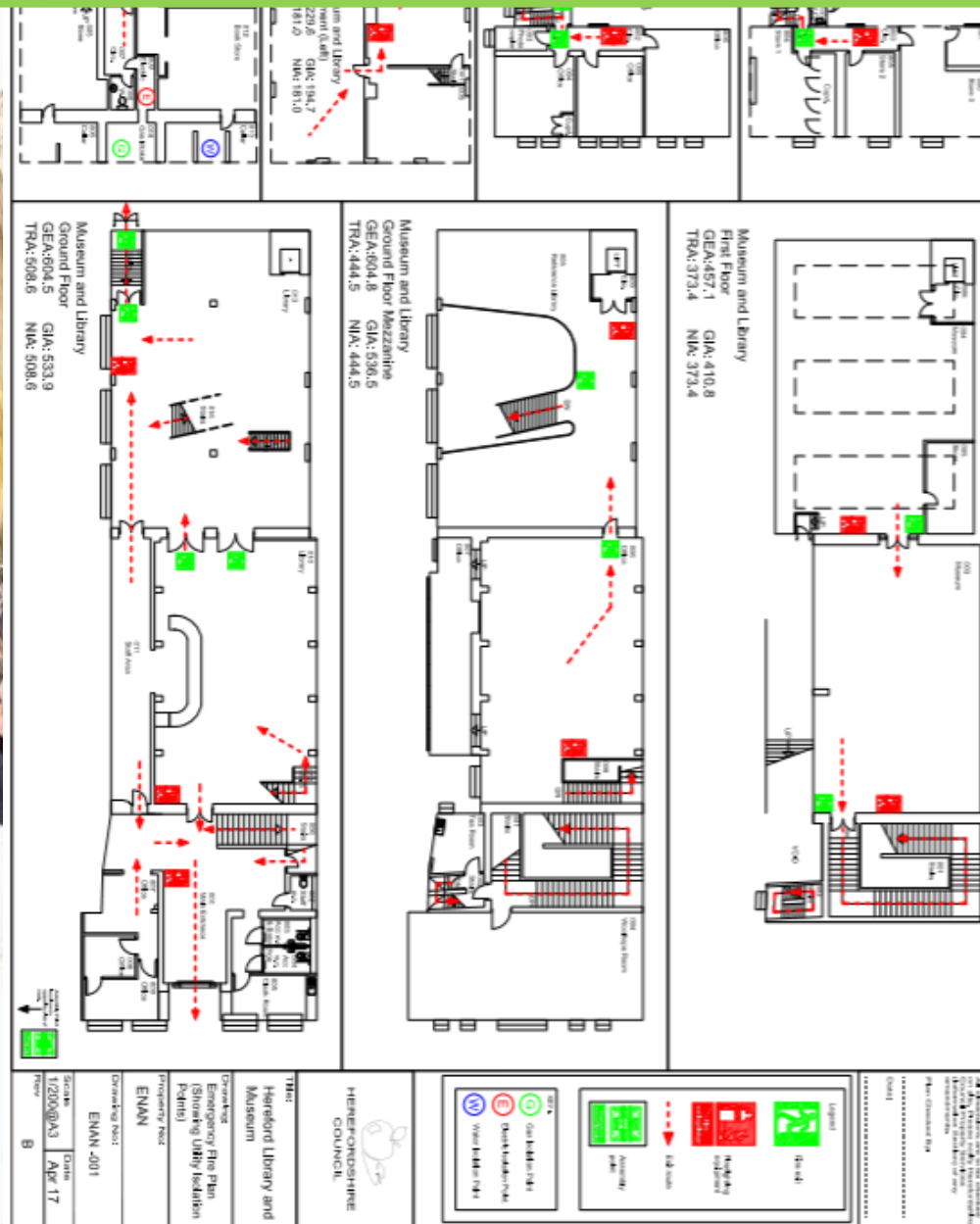
7 locations

“On Reading People, NMiTE Design Cohort members talk to thinkers, doers and innovators about their lives and the books they’re reading. We hope to capture some of the history, breadth and creativity of Hereford.”

<https://soundcloud.com/nmitehereford>

13 design cohort

Spaces • Meetings • Modelling • Mapping



What makes a good learning space?

Bright colours

Natural light

Adaptability

Collaborative



Digital Marketing & Social Media



<https://watch.vidzor.com/2o5sBXoLM7?t=201901291005&embed=true>

<https://drive.google.com/drive/folders/1tFmjJRsl8-kn0FRhbixkBROXJ6rHxq->





Marketing & Outreach

Speaking at Assemblies

Testing out ideas



Teaching in the IngenuityStudio



CAD Toolkit- Siemen's

"Design a toy to go in a Christmas cracker"

- Isometric drawing
- Trialling partnerships led teaching



Marketing & Outreach

Fundraising



Spaces

Partnerships



Marketing

- Website, poster and banner design
- Written and visual content for marketing materials
- Represented NMITE at fairs and events around the country
- Ran NMITE's social media

Fundraising

- Networking in and outside of work
- Socialising and delivering speeches at events
- Organising events for the community and partners

Spaces

- Engage in planning meetings for learning spaces, accommodation and Herford Library
- Making models and floor plans
- Inputting ideas and research for the purchasing of furniture

Partnerships

- Visiting partners around the country
- Helping set up future collaboration
- Maintaining ongoing relations
- Bringing in new interest

Dave's Toolkit



Welsh Water scholars

"The main aim of the sprint is to give the learner an opportunity to use and apply prior learning... and to practice and demonstrate teamworking and problem-solving skills."



DŴR CYMRU WELSH WATER INNOVATION EVENT

CONFERENCE PROGRAMME

WEDNESDAY 3RD APRIL 2019

ROYAL WELSH COLLEGE OF MUSIC & DRAMA, CARDIFF, CF10 3ER

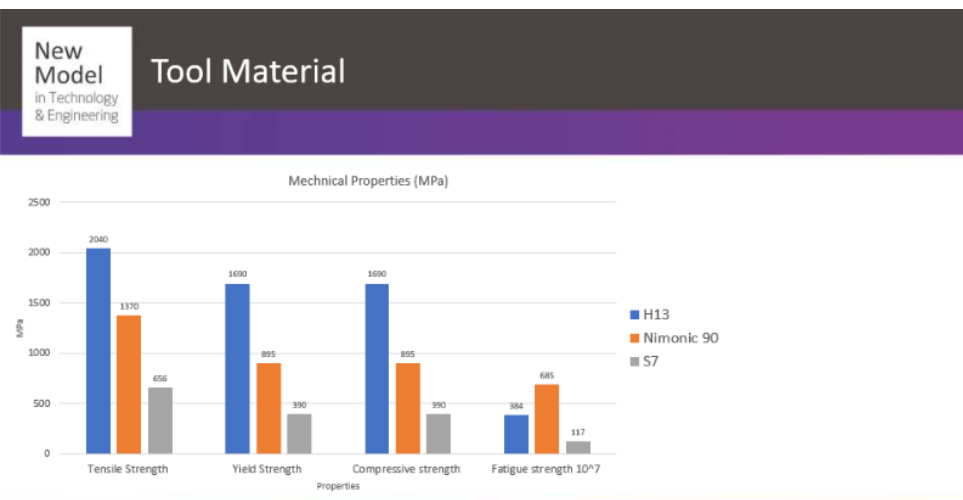
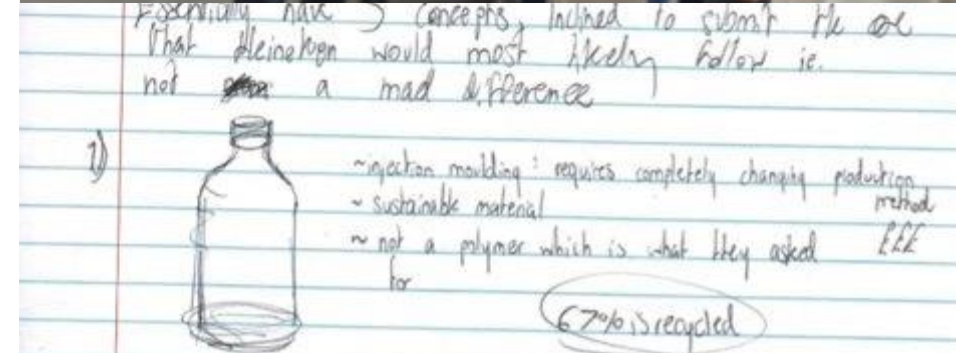
Theme: 'Innovation to deliver our investment plans for 2020-2025 (AMP7) and beyond'



Materials Sprint

The very first sprint to be run in full and so provided us with valuable feedback which became the basis for all future sprints

Amazing partnerships opportunity, having 5 different companies engage and work first-hand with us as a trial cohort



Brief



Suggest a different polymer to use that is more sustainable to produce, process and recycle.



Improve the sustainability of Strongbow 2 litre cider bottles by looking at the processes and materials involved



Take this opportunity to redesign the bottle

The community based challenge (CBC)

"I just want to thank everyone for asking me to be involved in your project. Thank you for helping me to get started playing the violin. I'm really excited to start lessons in September at my new school. I feel more confident to stand up and talk to people I don't know. I feel more brave to talk about my hand. Because of your project, I did a presentation about my hand to my class at school to tell them all about this project. I wouldn't have done this if it hadn't been for your project. Thank you."



Work Experience Opportunities

"A varied and fulfilling experience. I really enjoyed working alongside different personalities and roles in the team and learning why they do the work they do. It's made me reflect a lot on where I want to go next in life."



Balfour Beatty



SIMPLE DESIGN WORKS



Summer video



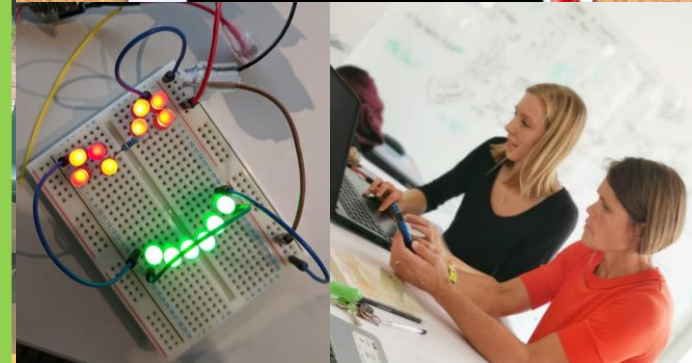
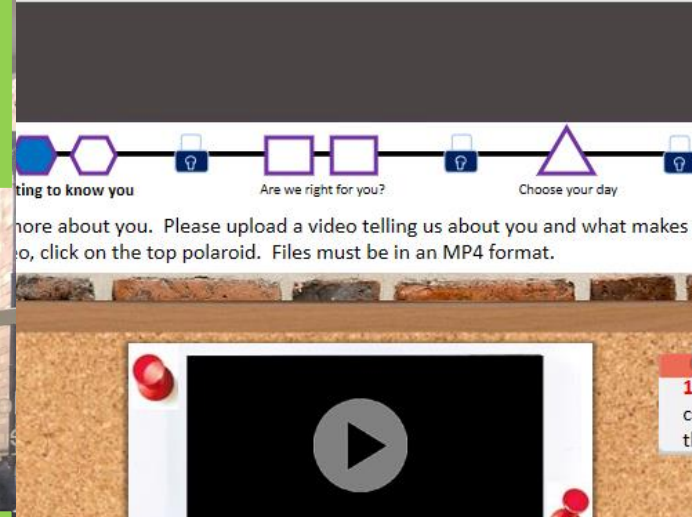
Exhibition



Trial Learners



Application Process
Rhetoric Toolkit
Electronics Sprint
VLE
Sprint Template
Induction week





A group of approximately 15 people are gathered on a large, green lawn for a picnic. They are sitting in a circle on the grass, with various picnic items like baskets, bottles, and food containers scattered around them. In the center of the group, a young woman in a white t-shirt is standing and holding up a green bottle, smiling. Another person is leaning over her. The background is filled with lush green trees and a well-manicured hedge. The overall atmosphere is relaxed and social.

New Model

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