



Ariennir yn Rhannol gan
Lywodraeth Cymru
Part Funded by
Welsh Government



Innovation 2022

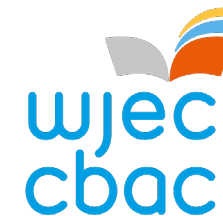
A Celebration of Welsh Design & Technology at Advanced
Level and GCSE

Arloesedd 2022

Dathlu Dylunio a Thechnoleg Safon Uwch a TGAU Cymru



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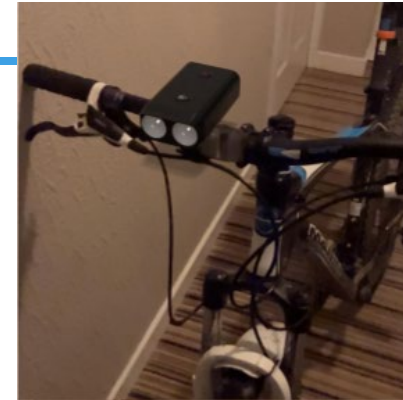
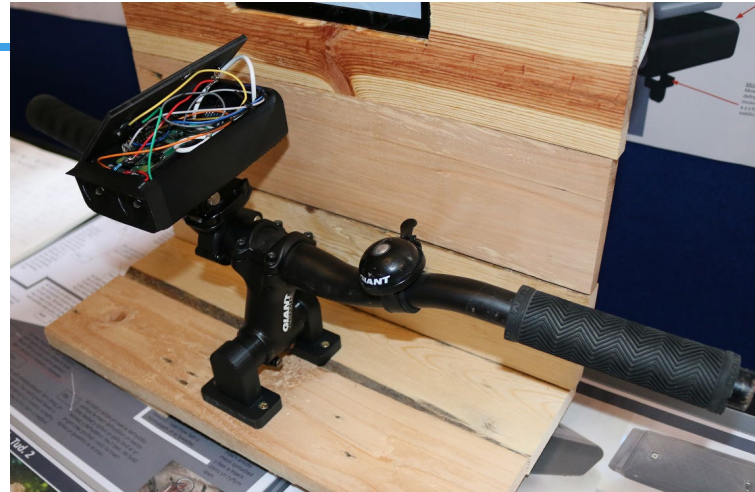
GCSE 1st Prize TGAU Gwobr 1af

Jacob Taylor Chow

Ysgol Glan Clwyd

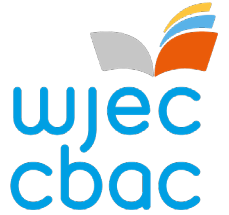
Bike Safe

Beicio yn Ddiogel





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GCSE 2nd Prize TGAU 2il Wobr

Steffan Hoogendoorn

Ysgol Bro Edern

Mountain Goat Inspired Climbing Shoe

Esgid Ddringo a ysbrydolwyd gan Eifr Mynydd





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GCSE 3rd Prize TGAU 3ydd Wobr

James Clark

Ysgol Bro Edern

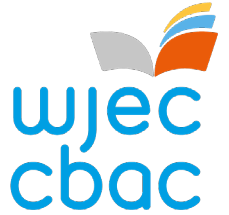
Gym Spotting Device

Dyfais Arsylwi yn y Gampfa





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AS 1st Prize UG Gwobr 1af

Finnley Colwill-Downs

Brynteg Comprehensive School

Crutch Design

Dyluniad Bagl





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AS 2nd Prize UG 2il Wobr

Ewan Brough

Brynteg Comprehensive School

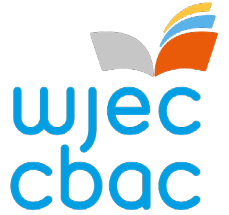
Integrated Kitchen Knife Block

Bloc Cyllell Cegin Integredig





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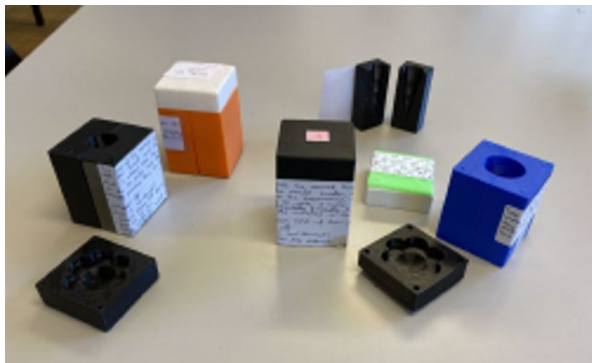
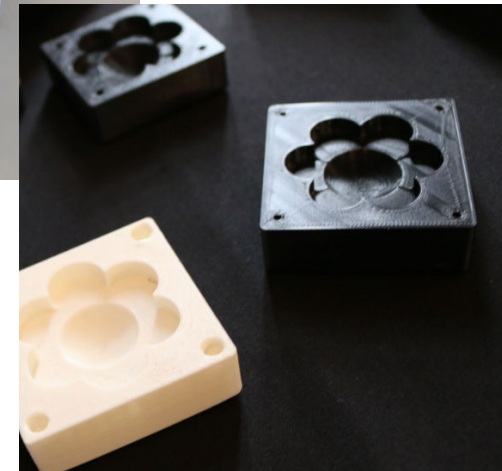
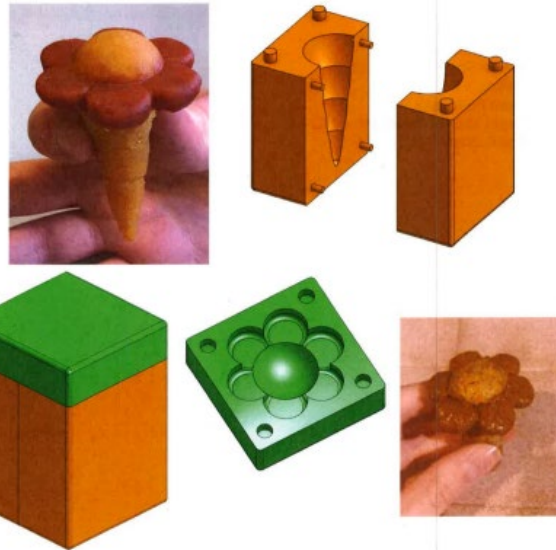
AS 3rd Prize UG 3ydd Wobr

Charlotte Warren

Ysgol Uwchradd Aberteifi

Food Peg

Peg Bwyd





Benjamin Morris

King Henry VIII Comprehensive School

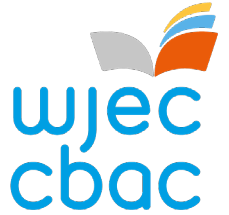
Toe Protection for Cricketers

Dyfais Amddiffyn Bysedd Traed I Gricedwyr





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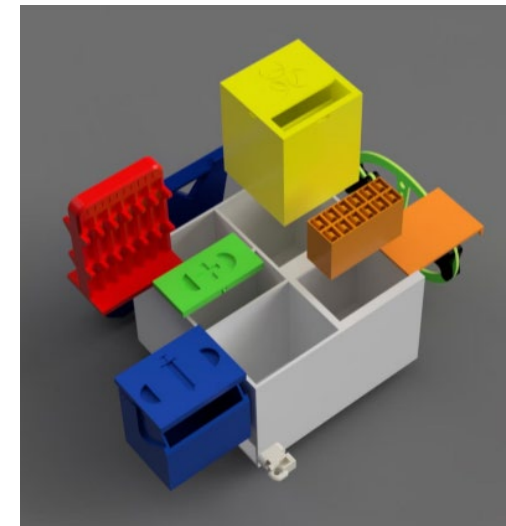
A Level 2nd Prize Safon Uwch 2il Wobr

Jacob Davies

Ysgol Uwchradd Aberteifi

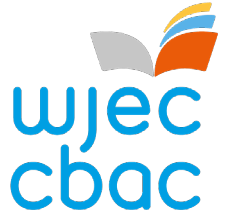
Blood Centrifuge

Allgyrchydd Gwaed Cludadwy





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A Level 3rd Prize

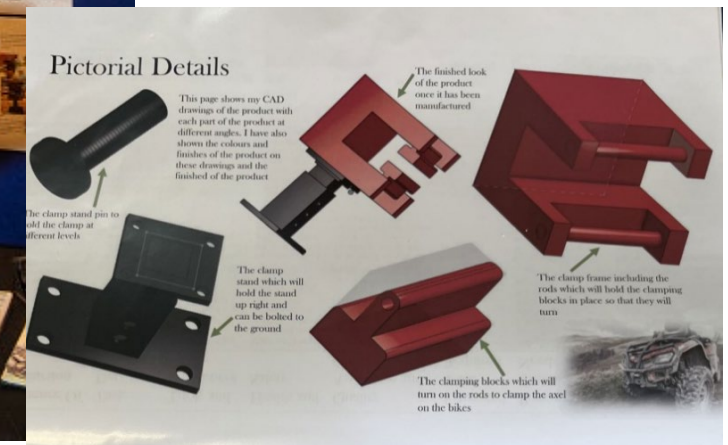
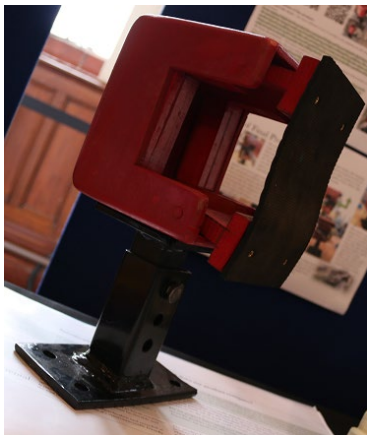
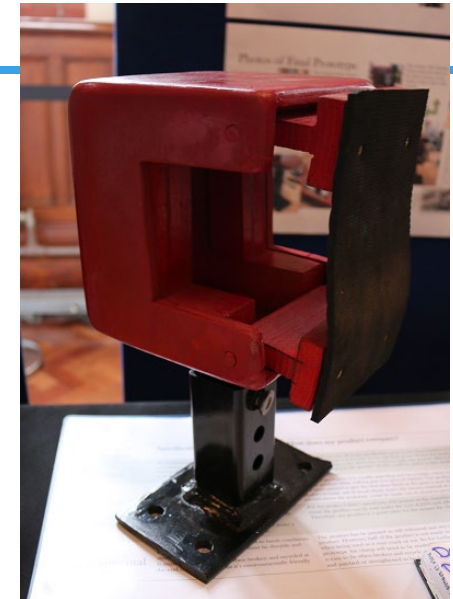
Safon Uwch 3ydd Wobr

Sophia Grace Evans

Ysgol Llanfyllin

Quad Clamp

Clamp Beic Cwad





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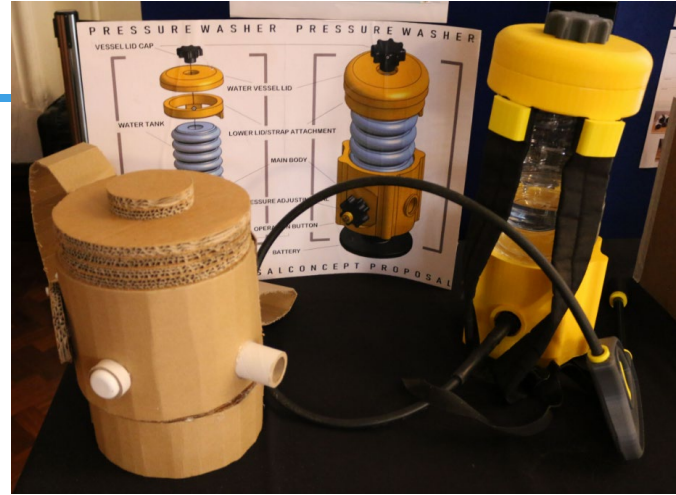
IP Prize Winner Enillydd Wobr IP

Niamh Harris

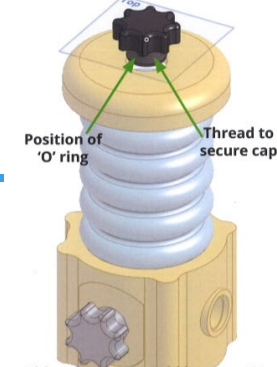
Brynteg Comprehensive School

Pressure Washer

Dyfais Golchi Dan Bwysedd

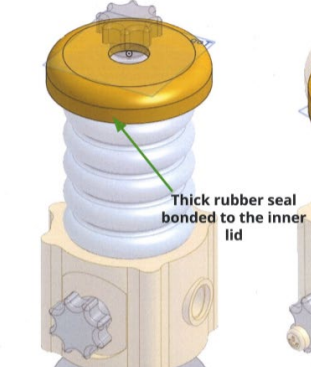


Component A - Water Vessel Cap



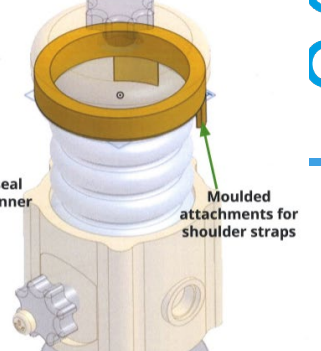
This water cap would have an 'O' ring, so when threaded into the lid, a watertight seal would be created. This then prevents the water from leaking.

Component B - Water Vessel Lid

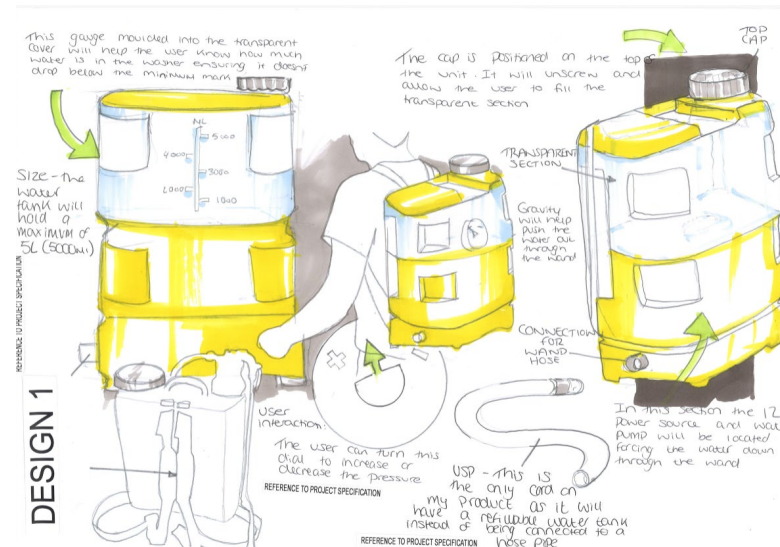
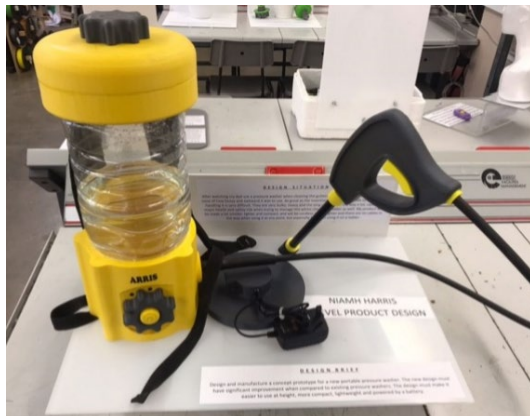


The moulded lid would clip securely onto the top of the vessel and have a rubber seal on the inside lip, preventing any water from leaking.

Component C - Lower Lid/Strap Attachment



The lower lid primary serves to provide moulded attachments for the shoulder straps to be attached





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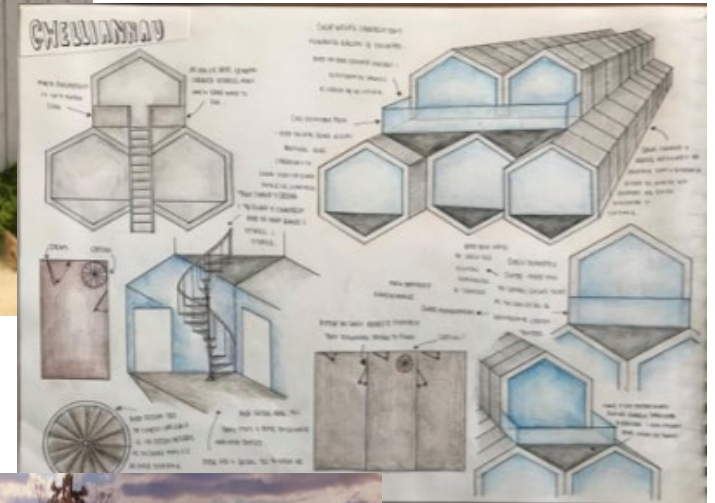
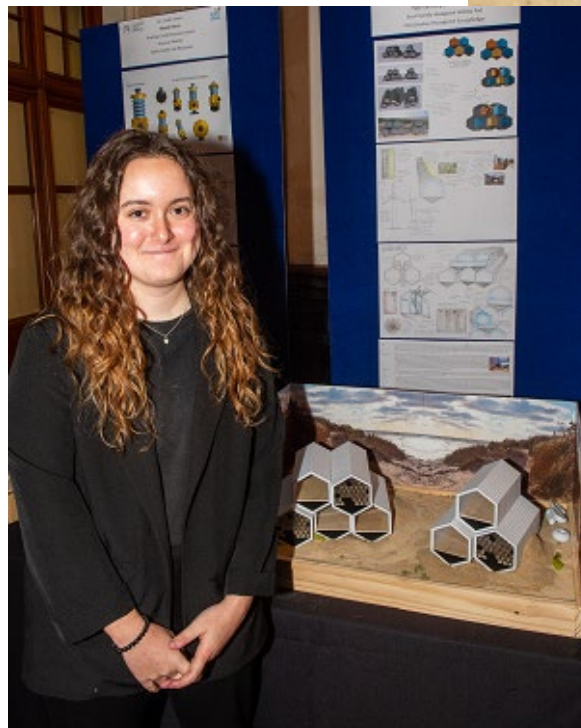
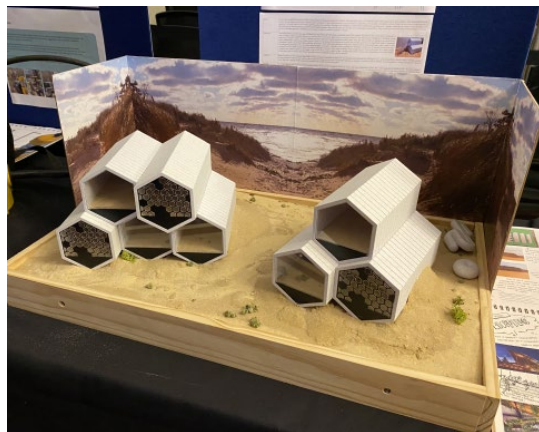
Creativity Prize Winner Ennillydd Gwobr Greadigrwydd

Polly Robatto

Ysgol Gymraeg Bro Morgannwg

Eco-Friendly Hexagonal Holiday Pod

Pod Gwyliau Hechsagonol Eco-gyfeillgar





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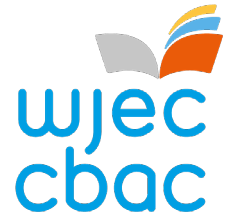
CAD/CAM Prize Enillydd CAD/CAM

Dylan Brannigan

Ysgol Gyfun Gwyr

Solar Powered Wetsuit Dryer

System Pŵ er Solar i Sychu Siwt Wlyb





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