IF YOU WERE an ENGINER WHat WOULD YOU DO?

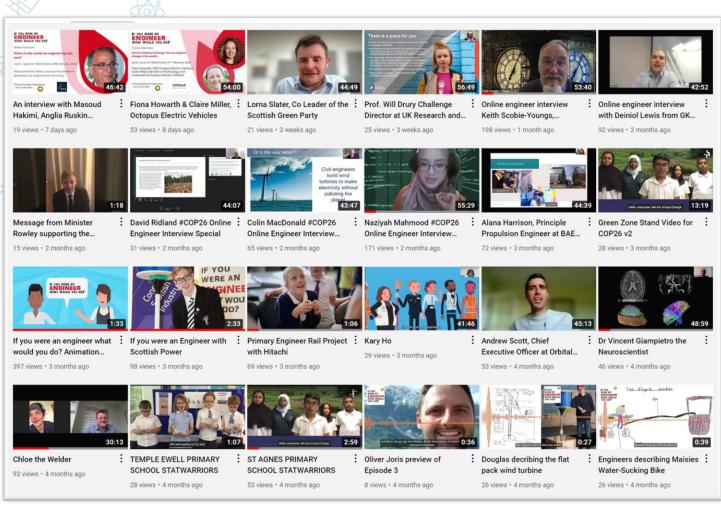
- Open to entries from learners between the ages of 3 and 19yrs
- ▶ 25 Regional awards and exhibitions with winners chosen from each age group entered
- Every entry read by an engineer and named certificates sent to pupils with a grade (Pass, Merit, Distinction and Shortlisted)





Interacting with engineers





Engineers visiting the classroom

Virtual Interviews

Online Interviews and library of engineers from different sectors and backgrounds















IF YOU WERE an





Floria Howarth & Claire Miller. Lorna Slater. Co Leader of the Prof. Will Drury Challenge.

Scottish Green Party





a interview with Build Okona

Hakimi, Anglia Ruskin...

tanufacturing Process...

F YOU WERE ON ENGINEER WHAT WOULD YOU DO?" **ENGLAND NC PRIMARY CURRICULUM MAPPING**

IF YOU WERE AN ENGINEER WHAT WOULD YOU DO? **ENGLAND NC SECONDARY CURRICULUM MAPPING**

Director at UK Research and...

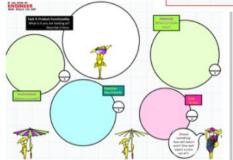
F YOU WERE AN ENGINEER WHAT WOULD YOU DO?" SCOTLAND CFE LESSON **PLANS**

F YOU WERE ON BOO! ENGINEER MHS+ MONTO AON DOS. WELSH CURRICULUM SCOTLAND CFE MAPPING MAPPING

ENGINEER
WHAT WOULD YOU DO? WELSH CURRICULUM MAPPING



The Primary Pupil Logbook





Morales

IF YOU WERE an ENGINEER

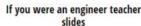
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WHAT WOULD YOU DO?"





Tellise O



If you were an engineer classroom slides



TOTAL O

The Secondary Pupil Logbook





ENGINEER

24 passessor

Engineer's Logbook

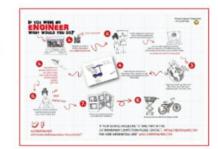
WHAT WOULD YOU DO?



Resources available in Welsh

Primary Engineer Programmes ... the first step®

2002



Step-by-Step Flyer

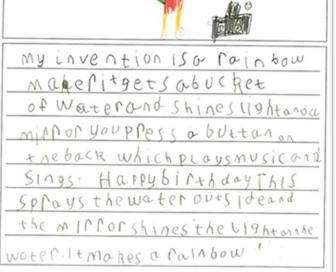


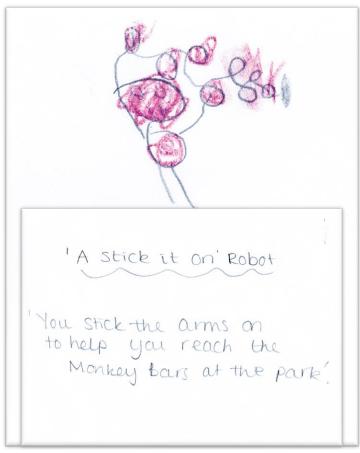
Handbook Competition Guide and Tasks

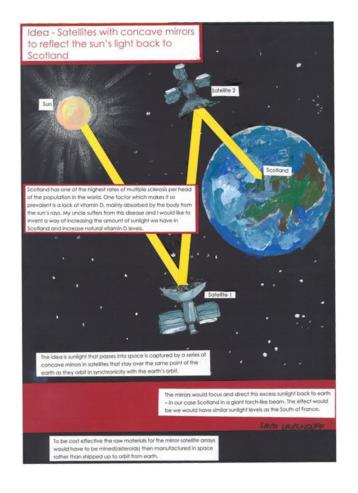


Primary Engineer Programmes ...the first step®

























It's got so busy we got extra tables and chairs! @Leadersaward grading days are so inspiring #engineersinthemaking













































rollers

TROLLEY FOR THE ELDERLY





into trolley charging unit)





the jack

car

























'If you were an engineer, what would you do?'



Primary Engineer Programmes ... the first step®



Primary Engineer @primar... · 25 Jan There's more prototypes on show at @GCU SEBE as Charles Berry & Paula Cousins talk with the engineering team about the Hydro Paddle, originally designed by an 11 year old from Ayrshire! @weirgroup @CaledonianNews @Leadersaward



17 4

♡ 5



Primary Engineer @primar... · 25 Jan Want to see how it works? One of the lead engineers put this together to show how it all comes together! youtu.be/ m7qNXL6sczl

1 0 3



Primary Engineer @primar... · 25 Jan The Flat Pack Wind Turbine is used to bring power to refugee camps & disaster areas across the world. This was designed by a 15 year old at @Royal_High_Sch and brought to the prototype team at @GCU_SE through the @Leadersaward Competition and the support of



Primary Engineer MacRobert Medal 2021















If You Were An Engineer, Podcast

www.leadersaward.com/podcast

Episode 10 The Primary Engineer MacRobert Medal Special



EPISODE 3: OLIVER JORIS; EXTENDING SINK 6000; BUG DETECTOR

He's taken them up mountains, through the desert, and even to the Arctic Circle – Oliver Joris has put Ford's cars to the test under every extreme imaginable.



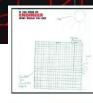
EPISODE 2: ELLA PODMORE; BEACH CLEANER

It all began when she was passing car parts around the dinner table, and it



EPISODE 1: MATTHEW DICKINSON, SM/ Jacket and a shopping trolley

was the second time Matthew Dickinson had been tasked with turning a child's dea into a working prototype, but he never expected what would happen next.



EPISODE 6: LAURA BÜCHELER; ELECTRIC Blanket; Raf Judges

From video games to prosthetic limbs, Laura Bücheler's work offers solutions to



EPISODE 5: VINCENT GIAMPIETRO; FLAT

Playing video games with your mind – one of the amazing ways Vincent Giampietro finds out what's going on in our brains.



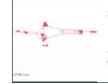
EPISODE 4: IULIA MOTOC; SUPER HEARING Set; the virus killer

At first she was just taking apart her parent's favourite radio, but that curiosity grew into a passion for helping people – through robotics!



EPISODE 9: SARAH HASLAM; ROAD FLASH; RELAXER 3000 PEBBLE

Her unwavering determination to encourage the next generation of engineers



#8: MERRITT MOORE; JAYNE HUNT; WHALE OF LITTER

The quantum physicist that dances with robots – Merritt Moore has done the seemingly impossible



EPISODE 7: LUKE BISBY; ROLLOVER BENCH; MECHANICAL BIRD

'The Chair of Fire and Structures', a title straight out of Lord of the Rings!







Primary Engineer Programmes ...the first step®

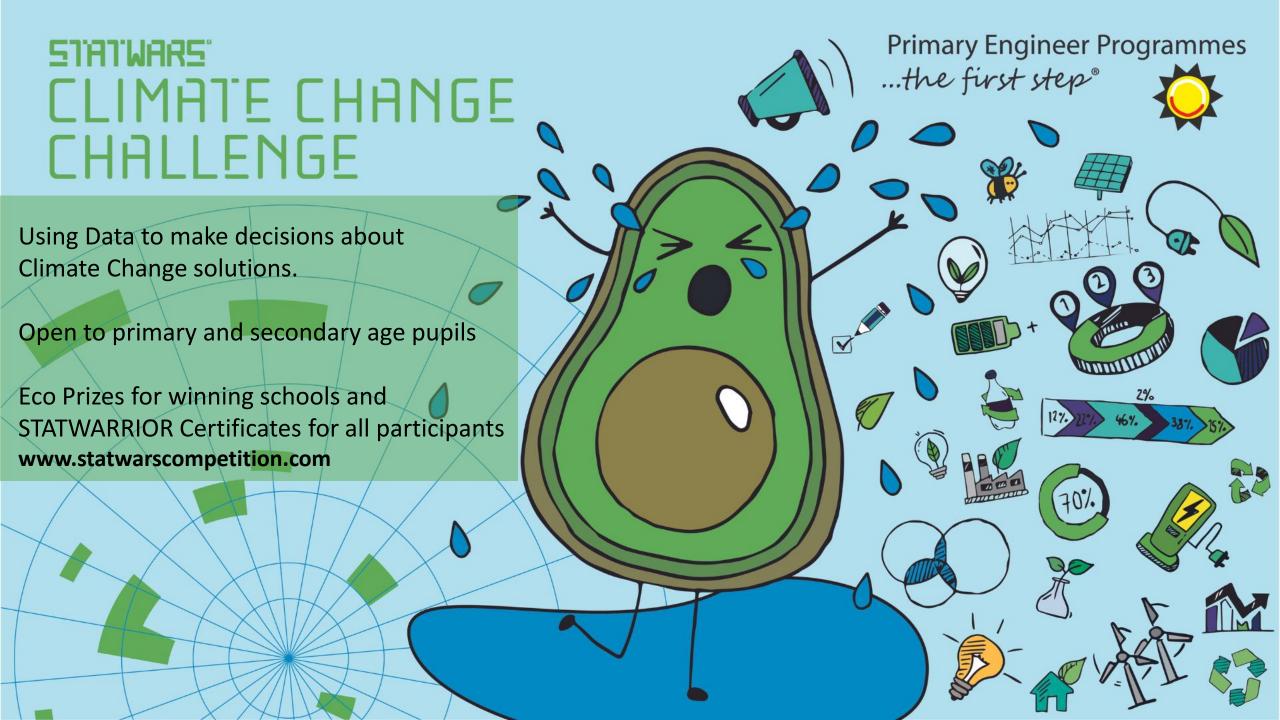
- **Funded Teacher Training** Programmes for STEM, D&T and Engineering.
- Classroom resource packs, teaching packs and links to engineers.
- **Celebration Events**
- For Early Years Settings, **Primary School and Secondary Schools**















Engineers Inspiring Children Inspiring Engineers

CEO and Founder: Susan.scurlock@primaryengineer.com

Leaders Award Competition Project Lead: Joshua.Holt@Primaryengineer.com

