

Primary Engineer Programmes ... the first step<sup>®</sup>

## IF YOU WERE AN ENGINEER WHAT WOULD YOU DO?"



## **Engineer's Logbook**



www.leadersaward.com

www.primaryengineer.com



Primary Engineer Programmes ... the first step \*







Primary Engineer Programmes ... the first step





How do you come up with ideas? What When did problems you know have you you wanted solved? to be an engineer? 0 0 deas

Task 2: If you could meet an engineer what would you ask them? Add your ideas here

00

-m





Primary Engineer Programmes





## **Primary Engineer Programmes**

... the first step.



IF YOU WERE an



... the first step"

The Weighable Suitcase **Bio-Degradable Cardboard Glider Metal Straw Chill Band** Solution A wristband with various fidget & senso tools. NON SUMIL WP SO You The struw will it in your peoplets. It will a work like this but is well has a but Ende a meet when cour changed b. I Vas Chindras Ende a meet when cour course there and bloc to geten - with mutual with or assgren Kaitlin Bennett a Secondary 1 student at Cameron Mullet a Secondary 1 student Scott Coulter a Secondary 2 student at St. Natasha Clark an Secondary 2 student at Kilmarnock Academy designed 'The from Arbroath High School designed 'Bio-Matthew's Academy designed 'The Metal West Calder High School designed 'The Weighable Suitcase', and whilst this was Degradable Cardboard Glider' which is able Straw' as a solution to plastic straws and Chill Band' for students who suffer from one of two designs she entered (and not her to drop supplies into refugee camps and their impact on the environment. This anxiety or autism to enable them to favourite) the judges really liked the idea of then be left to bio-degrade naturally. design, made from metal easily collapses concentrate better in class - the design has a suitcase which weighed itself. and can be kept in your pocket. many features that the student can play with to help them concentrate better. What do you like about this idea/design? What would you change about the idea/design?

## IF YOU WERE AN ENGINEER WHAT WOULD YOU DO?"

Primary Engineer Programmes ... the first step \*



**Primary Engineer Programmes** IF YOU WERE an ENGINEER WHat WOULD YOU DO? ... the first step" SIEMENS THALES AMRC AMRC / E GMCA MBDA Balfour Beatty 🗐 BOSCH Kirkloes 👘 🕬 🔛 QINETIQ IF YOU WERE an ENGINEER 7 Salford WHat WOULD YOU DO?" 3 Ð Leney Electricity 8 5 Coventry Ę Aortic University of Sectored Task 5: Choose your \*> best idea and draw wandle it, use lots of annotation 0 explaining how the Blaby 00-5 |\$} parts of your drawing will work ams Burnley Edge I Clyde Marine Utersty uclan Allied Vehicles State Boot Land Charitable Air FORCE Trust passed: support encourage CUMPTION CONDITION babcock







Don't be afraid to change and develop your ideas, the more you do this the better your ideas will be!

GMCA

JERSEY

Kirklees

S

QINETIQ

ROYAL

Jerxey Bectricity

SPIRIT

Ŷ

Aortic

wandle

ams

Burnley

BOSCH

**Balfour Beatty** 



8

3

Coventry

University of Sunderland

UWE Bristol

- **19**3 191

UNIVERSITY OF

Cumbria





AMRC / 👩 🔚



babcock











Task 6: Now it is time to write your letter to the engineer explaining your idea and why they should build it! What is your invention? Why should it be made?

How did you come up with the idea? Who inspired you?



Who does it help?







		Your address		
	Primary Engineer Floor 2	Date:		
	AMS Office Tower. AMS STechnology Park Burnley Lancashire B8115UB			
	Dear Primary Engineer.			
	What is your invention?			
	How did you come up with the idea?			
	Who does it help?			
m	Why should it be made?			
	Who inspired you?			
	Yours sincerely.			
9/2				
You may	/ want to			
design a l	ogo add it r letter.			
<b>2</b> 5				

