

IF YOU WERE an **ENGINEER** WHAT WOULD YOU DO?



Primary Engineer Programmes
...the first step



9 March 2018

Dear Parent/Carers

As part of our exciting forthcoming STEAM week commencing Monday 19th March I would like to inform you all of an exciting competition we will be taking part in called 'The National Primary Engineering Leaders Awards'. This is an exciting project will give the children the opportunity to engage with real life careers which use STEAM as part of their daily working lives.

The children will be asked to interpret the questions "**If you were an engineer- what would you do?**" Using this question they will then be asked to come up with a problem they would like to solve and then draw and annotate a solution. All children will also be asked to write a pitch letter (differentiated) to a group of engineers explaining why they should choose their invention. As part of the programme, engineering students will choose the best invention to build.

So, for this week's home learning we are asking all parents to discuss at home with their children problems which may occur in our daily lives. These need to be simple problems which products could be designed (see school website for examples under Pupil Zone, STEAM)

<https://www.sheetprimaryschool.co.uk/page/?title=S&pid=319>

Next, choose a problem to draw up a design on the blank sheet of paper provided, all designs should be clearly labeled and in colour to demonstrate how the invention works (infant parents can annotate the children's ideas if necessary). We will use the children's design to draft a pitch letter to the engineers during STEAM week.

Please hand the homework in by Friday 16th March ready to use in school for STEAM WEEK.

If you need any further ideas or information please visit <https://leadersaward.com/>

Many thanks & happy inventing!

Mrs Deuble

**IF YOU WERE an
ENGINEER
WHAT WOULD YOU DO?**

Primary Engineer Programmes
...the first step



Name

Class