

BlueSpark Foundation application guide for schools

1. Go to <https://bluesparkfoundation.org.uk/how-to-apply/>
2. Click start application
3. Complete section one – tell us about your project

Description
<p>The Flamingo Engineering workshop is delivered in schools across a day, in a fun, age-appropriate, and engaging way. Using 'The Mysterious Case of the Elephant that Forgot' book as the basis for the workshop, coupled with the Flamingo Engineering booklet, the pupils engage in a hands-on engineering activity using the 'Think it, Build it, Test it!' model. The workshop introduces the idea of engineering as an interesting career path, open to all. The Flamingo Engineering booklet, from the workshop will be freely downloadable, offering further activities for the teachers to pursue with their class and a lasting legacy of the project.</p>
Location
<p>Please enter your school address here</p>
Timescale and key dates
<p>Please enter the dates you wish the workshop to take place</p>
Objectives
<p>The Flamingo Engineering workshop aims to change the face of engineering, making it visible and inspirational to all no matter what their background and ultimately bringing the underrepresented sectors of the UK's diverse community into the industry. Through Flamingo Engineering pupils will gain an understanding of what engineers actually do and the diverse profession that engineering is. Flamingo Engineering will show pupils that engineers are people just like them and reinforce the idea that this profession is accessible to all.</p>
Number of young people / children involved
<p>Up to 120 primary school pupils</p>
Benefits to participants
<p>Pupils will gain an understanding of what engineers do and will connect engineering to their everyday lives. They will realise that engineering can be fun and that if Frankie the flamingo and Clarence the crab can be engineers then they can too. Through this new knowledge and the friendly engagement with engineers, pupils will have expanded their future career choices to include engineering.</p> <p>Teachers will acquire a better understanding of the breadth of subjects covered by engineering and will gain confidence in delivering lessons that engage the children in engineering topics and feel empowered to deliver similar engineering-related activities in the future.</p> <p>Flamingo engineering booklet will be hosted and promoted on the ech2o website and will be freely downloadable and viewable, thus enabling teachers and engineers across the UK to deliver a similar workshop.</p>

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4. Complete section two – tell us about you

Name
Please enter your name and your schools name here
Address
Please enter your school address here
Role in organisation
Please enter your job title here
Email
Please enter your work email here
Telephone 1
Please enter your school telephone here
Telephone 2
This can be left blank

5. Complete section three – tell us about your organisation

Organisation
Please enter your schools name here
Address
Please enter your school address here
Email
Please enter your schools email here
Telephone
Please enter your school telephone here
Website
Please enter your school website address here

6. Complete section four – funding and supporting information

Amount of grant sought	Date required
£500.00	Please enter the date of the workshop here
Total project cost and sources of funding	
£500.00 - Bluespark Grant sole source of funding	
Analysis of project cost by type	
Educational workshop cost £500.00	
How will the success of the project be measured	
Feedback forms will be collected during the workshop via feedback sheets.	
From the participating pupils we will use a short interactive whole-class quiz to find out whether they:	
<ul style="list-style-type: none"> • Enjoyed the story and the characters • Now have a grasp of what engineers do • See engineering as a fun career 	
Any other supporting information you wish to add	
It has been demonstrated that from the age of 6, children have already started developing pre-determined ideas of what they can and cannot do. Perceptions of engineering as only for boys or not for pupils from BAME backgrounds hinder the ability of the industry to recruit the engineers needed to	



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better represent the UK's diverse community. More needs to be done earlier to open minds to the fact that engineering is a career that is available to everyone whatever their background. Through these workshops, the pupils will gain an understanding of what engineers actually do and the diverse profession that engineering is. The workshop will reach teachers, teaching assistants, and through the pupils, families in the home, spreading the possibility and accessibility of an engineering career to a broad audience. The workshop will embed engineering in the pupils' experience and therefore long-term memory, again making the choice of engineering in their future education and potential career choices much more likely.

Here you could also put a blurb about how it would benefit your school / class / individual pupils in particular – if you have time!

Supporting document

You can only upload one document here – this could be ech2o's quote

7. Section five – review all sections of your grant application
8. Section six – Confirmation and grant obligations – read fully and complete

Name
Please enter your name here
On behalf of (organisation) – if any
Please enter your school's name here
Date
Please enter today's date here

9. Submit

