



Beam County Primary School
Oval Road North, Dagenham, Essex, RM10 9ED.

10th March 2026

Dear Parent/Carers,

British Science Week – Engineering Competition

This week we will be celebrating **British Science Week** across the school with a range of exciting learning activities.

As part of the celebrations, your child is invited to take part in a national competition organised by **Primary Engineer**. This competition is one of their flagship STEM programmes and invites pupils of all ages in primary school to think creatively about the world around them.

In this competition, children will imagine that they are engineers and consider **what problem they would most like to solve**. To help inspire their thinking, pupils will take part in an **interview session with professionals from the engineering field**, who will talk about their work and answer questions about engineering.

The interview sessions will take place in school:

- **Wednesday – Key Stage 2**
- **Friday – Key Stage 1**

Following the session, pupils will design their own solution to a real-world problem. They will create an **annotated illustration** of their invention and explain how it works. Alongside this, they will practise their **formal English writing skills** by writing a **letter of purpose**, describing and explaining their idea while using persuasive techniques to appeal to our engineer judges.

This is a thoroughly engaging and immersive experience for pupils, teachers and engineers alike.

Your child may need to **complete or refine their design at home as homework**. The **deadline for submission is Monday 23rd March**. Please remind your child to **submit their entries to their class teacher** by this date.

We look forward to seeing the creative and innovative ideas our pupils come up with.

Thank you for your continued support,

Ms Neale
Maths and Science Lead

Email: office@beam.bardaglea.org.uk, Telephone: 020 8270 4700
beamcountyprimaryschool.org

Headteacher: Miss T A Whittington, NPQH, BA (Hons), PGCE
Chair of Governors: Mr L Du Ploy

