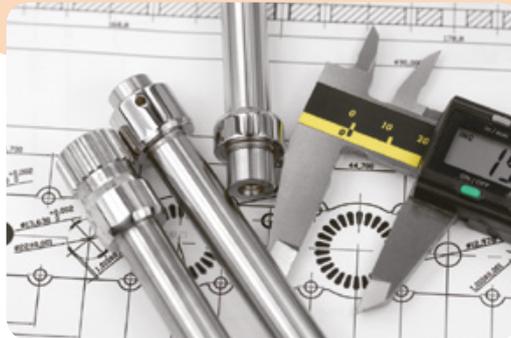


# WHAT'S AN ENGINEER?

This simple presentation, which can be tailored for all age groups, uses examples and interactive discussion to highlight the broad range of careers that are open to engineers.

There is a worldwide shortage of engineers and anyone training for the profession will find plenty of opportunities around the world, paying above-average salaries. What's more, they'll get to work on exciting new technologies and processes well before anyone else has heard of them – they'll never get bored!



In this interactive presentation we show that, whatever their interests, there is a branch of engineering where a student will find a natural home for their talents.

But firstly, the idea of what "an Engineer" does is commonly misunderstood so we set out to showcase the different branches of engineering; civil, structural, mechanical, electrical, software, computing, aerodynamics, etc.

Next, the various roles are uncovered; design, development, manufacturing, production, surveying, assembly, test etc. Finally, we talk about the attributes that make a good engineer – and most students will find they have them!

For older students we can finish by setting aside time, in groups or one-to-one, to talk about career options and guide them towards the career path and the training that is most appropriate.

*"...the KS2 children loved the talk about the electric bike. Phil engaged them with details of his upcoming world record attempt, and the questions the children had at the end were of a very high level, showing how interested and motivated they were by the visit."*

**Mr Dutton**  
Year 6 teacher, Hartley Primary Academy

- KEY STAGE 1
- KEY STAGE 1
- KEY STAGE 3
- KEY STAGE 4
- KEY STAGE 5

## About Weald Technology

Weald Technology Ltd is a social enterprise and an award-winning engineering company. Our mission is to inspire young people to pursue engineering careers, which we do with STEM workshops based on innovations in sustainable transport. We keep our knowledge up-to-date, and our STEM projects relevant, through collaborating on industrial research and development.



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