

CASE STUDY

Tomorrow's
Engineers

The Challenge:

Tomorrow's Engineers is an initiative led by EngineeringUK and the Royal Academy of Engineering to provide a one-stop-shop for information and resources on the careers available in Engineering for learner in year 8 and 9.

The core aim was to help schools incorporate engineering into the curriculum and inspire the next generation of engineers identifying for young people the study routes that could be taken to enter the career option effectively. To complement the online resource, Tomorrow's Engineers needed a delivery partner to run a programme of regional events in schools around the country - Learn by Design.

The Solution:

Learn by Design manages and deliver Tomorrow's Engineers, Around the world programmes, to students in the North West, South West and the Midlands. The programme was designed hand in hand with another provider 'science made simple' based on a brief given by engineering Uk.

The Product:

The product designed brings together a show which is delivered to the whole year group which highlights how STEM is used in our everyday lives and 3 workshops that give both hands on and interactive STEM experiences that highlight the key messages about STEM and how these can be accessed.

Regional Industrial Partners:

The show and workshops were designed to allow for industry partners to integrate their own ideas, brands and careers information into them and this has work really effectively for companies such as Severn Trent Water, Rolls-Royce, National Grid, BAE Systems, Toyota, Electricity NW and Airbus. At all stages of development the client and the industry partners was consulted to ensure their key messages were embedded effectively.

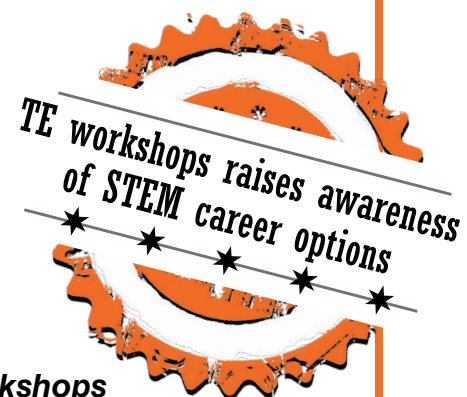
The Results:

Evaluation findings have demonstrated a clear need for the workshops and a that there is immediate impact for both the young people involved and their teachers in raising their knowledge about careers in Engineering and STEM in general as well as inspiring more young people to pursue STEM subjects within the GCSE subject options.

Inspiring the next generation in the world of engineering career options.

Identify:

- > Career options
- > Inspire STEM learning
- > Introduce to STEM ambassadors
- > Promote innovative technology
- > Link into school curriculum



Visit Tomorrow's Engineers website



www.learnbydesign.co.uk



01827 316297



learn@bydesign-group.co.uk



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Programmes and Delivery

CASE STUDY

Tomorrow's
Engineers

View our TE week 2016 success

INSPIRE



Learn by Design
has successfully
delivered over 700
TE workshops to
UK schools.

TE Highlights:

- > Career options
- > Inspire STEM learning
- > Introduce to STEM ambassadors
- > Promote innovative technology
- > Link into school curriculum
- > Introduces students to local engineering industries

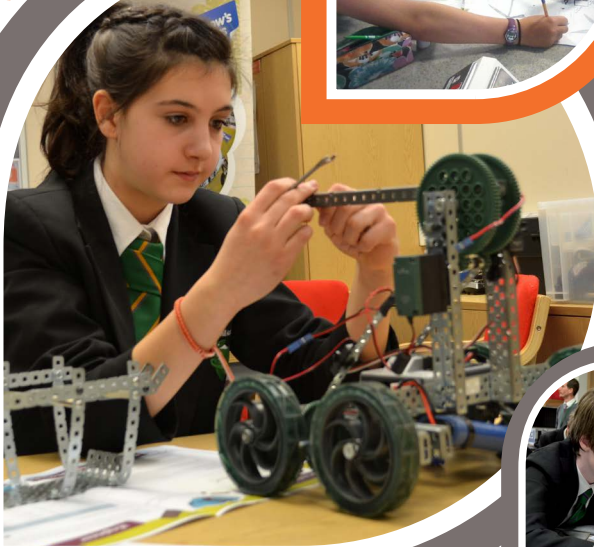
ENGINEERING

EXPLORE

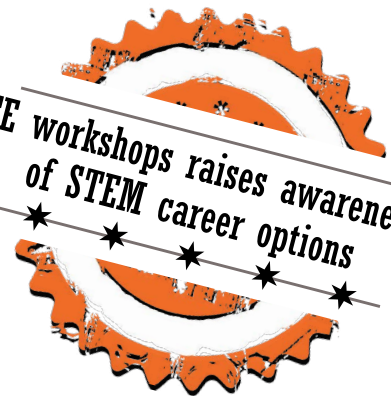


STEM

TECHNOLOGY



TE workshops raises awareness
of STEM career options



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