



Following the success of three highly influential projects, KMF's Young Engineer of the Year is due to launch for 2016.

This year's project goes above and beyond, (in fact 100km above sea level to outer space to be precise) to give Year 10 students, schools and sponsors the opportunity of a lifetime.

KMF will be working with Sent Into Space and RAF Cosford to launch #mission16. The students will work in teams made up of students from the STEM subjects, (Science, Technology, Engineering & Maths) from September through to launch in May 2016.

This link takes a closer look at what we are expecting <http://bit.ly/1NeabYP>

This is a truly exciting project and there are various ways to be involved, as a school, as a Sponsor or as a STEM Ambassador.

For further information about the project, please contact Suzy Ball at KMF on 01782 569060 or email s.ball@kmf.co.uk

Please read on to find out more about the previous projects



KMF Young Engineer of the Year 2016 Sponsor

Proposal

KMF's Young Engineer of the Year, (YEOTY), is now entering into its' fourth year. Following three extremely successful projects, KMF would like to invite you to take part in our 2016 mission!

Mission #YEOTY2016 will be rolled out to approximately 30 local high schools in the new academic term, (September 2015). We are challenging Year 10 students to send a Go-Pro camera into space and retrieve certain data from their mission.

Young Engineer of the Year is about providing the next generation with the skills needed by industry, it addresses the STEM skills gap and opens up career paths for students within our local area. There will be specific milestones throughout the process that nurture and develop these skills.

The benefits of Sponsorship to your company are:

- This project offers you the opportunity to be involved in a high-profile local campaign
- Enhances your reputation as a good employer within the area and promotes Corporate Social Responsibility
- Helps you to build good community links
- Offers a good PR opportunity with minimal input
- Good for morale within the company
- The opportunity for you to build relationships with a local school
- The opportunity for you to meet future potential job applicants
- Company logo promoted to an influential audience
- Possible future business networking opportunities
- The potential to get involved with STEMNET and become an Ambassador
- Great FUN with a competitive and inspirational advantage
- All of this for not a huge amount of money

There has been some excellent coverage of the event and the project has even been spoken about by MPs in Westminster. Please see the attached Media Coverage Pack.



KMF Young Engineer of the Year 2016 Sponsor

Proposal

We shall look to launch the competition at the beginning of the academic year and the project will run as follows:

September 2015

- Teachers, KMF & Sponsors to launch to Yr 10 students using Sent Into Space link weeks commencing 14th, 21st & 28th

October 2015

- Schools to arrange visits to KMF
- Yr 10 & Yr 11 Tours around KMF facility

November 2016

- A3 Summary (Template designed by KMF)
- Submission by 27th

January 2016

- Detailing the initial capsule design

March 2016

- Mini Mission 16th
- All schools will be at 95% complete of final capsule

May 2016

- Young Engineer of the Year nominations submitted by the 9th
- Mission #YEOTY2016

July 2016

- Awards Ceremony presented by Jason Bradbury

Sent Into Space Link https://www.youtube.com/watch?v=52mTOOc4CRc&feature=iv&src_vid=x4XdzpKjZ3k&annotation_id=annotation_270276519



KMF Young Engineer of the Year 2016 Sponsor

Proposal

The Awards for YEOTY 2016 are:

Young Engineer of the Year 2016 - An individual nominated by Teacher, Sponsor and peers

Best photo retrieved - Judged by a professional photographer

Best film edit of voyage - Judged by professional film producer

Best engineered capsule - Judged by Jason Bradbury

Teamwork - nominated by Teacher and Sponsor

Highest altitude

Best scientific experiment

From Sponsors we are looking for:

- Financial investment of £5,000
 - o Cost of the Sent into Space Kit
 - o Purchase of D&T tools and equipment
- Support and Mentoring for the school
- Business support for students
- Importantly, we want you to enjoy being part of YEOTY and receiving the benefits that it brings.

There are lots of different ways of becoming involved in YEOTY, please contact Suzy Ball if you are interested in discussing how you can get involved - 01782 569060 or email s.ball@kmf.co.uk



YOUNG ENGINEER

OF THE YEAR

The Journey so far...

The project initiated by Managing Director, Gareth Higgins, to inspire young people and promote the opportunities available within the engineering sector, continues to exceed all expectations. KMF's Young Engineer of the Year, (YEOTY), has built momentum and provides significant benefits to all parties involved.

The initial pilot campaign, The Clock Project, proved hugely successful and highlighted the real need for industry to work more closely with schools. The feedback from Students, parents and teachers was all positive and they were astonished by the time and resource KMF invested into the project.

For KMF, the benefits of running Young Engineer of the Year, (YEOTY), are a reassurance that the right investments are being made as the project provides the ideal platform to engage young people and promote the engineering industry, apprenticeships and the world-class apprenticeship program that is carried out by KMF.

YEOTY is a long term strategy to recruit future apprentices who, by this scheme, will already have an understanding of how KMF works and the potential opportunities available to them. Finding talented youngster to join KMF is the key to the company's future success. Apprentices are viewed as the 'golden nuggets' who will lead the businesses forward. Time, resource and money is invested to ensure that apprentices are provided with the best training, facilities, equipment and have access to opportunities that will ensure they are equipped with the skills needed to drive the business forward.

Following the success of the pilot campaign, KMF has committed to running an annual project of the same scale for the foreseeable future. Learning from the experience, KMF also committed to leaving the school with a legacy and student's with a better insight into the world of work.

With this in mind, KMF invited other local business to engage in the project through sponsoring a school. This would open up career paths for students within their local area and give them an insight into a number of different industry sectors. Students will benefit from being involved in a 'live' project that develops basic business skills that are essential for their career development.

YOUNG ENGINEER OF THE YEAR

The Journey so far...

2013 - The Clock Project



The Clock project was launched to 16 local high schools and over 1,700 students took part. The students were equipped with a simple design brief, a clock mechanism and batteries, their challenge was to make a clock that could be manufactured and sold on the high street.

Over 604 clocks were received back at KMF for judging, the sheer volume and quality of the designs received confirmed to KMF that this was the right thing to do - giving young people an opportunity to see their potential grow, can make a real difference.

Jason Bradbury, from Channel 5's The Gadget Show, hosted the awards ceremony and was thoroughly impressed with the work KMF is carrying out commenting, "We should take this nationally and I would certainly support it. We hear these sayings that Great Britain used to be great and that we have let it go a bit but the thing is, it's coming back again and it's thanks to competitions like this."



YOUNG ENGINEER OF THE YEAR

The Journey so far...

2014 - The Greenpower Project



2014 saw KMF work with Greenpower Education Trust, (Greenpower work to promote sustainable engineering to young people). 18 local high schools were provided with a Formula 24 Kit Car and KMF found Sponsors to provide both financial and mentoring support to the schools.

There were milestone events along the way in preparation for the big Race Day, which was held at Darley Moor where all 18 schools competed for the fastest lap, furthest distance travelled and best designed car.



YOUNG ENGINEER OF THE YEAR

The Journey so far...



<http://bit.ly/UPj5qL>

The project came to a close with a Spectacular Race Day that was held at a local race track, all 18 schools and sponsors competed to be crowned KMF's Young Engineer of the year.

Even Midlands Today's correspondent, Liz Copper turned up to find out what was happening...



<https://www.youtube.com/watch?v=d-6DqcBSJCU>



<http://player.vimeo.com/video/74721487>

YOUNG ENGINEER OF THE YEAR

The Journey so far...

2015 The 3D Print Project

Following the success of the Greenpower project, we had a challenge on our hands to come up with a project of the same calibre, but we did it ... with the 3D Print Project.

23 local high schools were equipped with a Sponsor, a MakerBot Z18 3D printer and a challenge for Year 10 students to make a gadget. The design brief was limited and only governed by the capabilities of the printer's build-plate area, as we did not want to compress creativity.

On the 12th of March, we held a Gadget Show meets Dragons' Den Event at Britannia Stadium and we were thoroughly impressed with how well the students presented their stands for the Gadget Show and entered the Den with confidence to deliver their pitches.

Business Editor for The Sentinel, Ann King reviewed the event and commented, "This is type of project we should be shouting about from the rooftops, and businesses should be falling over themselves to be involved with it."

The final was a fabulous display of the talent that is present amongst our young people. The business community were thoroughly impressed by what they had seen at the final and there were some very strong contenders for crown of Young Engineer of the Year 2015.

THE FINAL - <http://bit.ly/1GpOhgZ>

