

Dear Norfolk Primary School,

New Pilot Primary STEM project– IET Formula Goblin

I am delighted to be able to provide you with information about an exciting new development for STEM in Norfolk and a new programme aimed at primary science, engineering and technology. STEM is an integrated approach to the teaching of Science, Technology, Engineering and Maths.

First of all let me introduce myself, I am Bernice Dixie, the new STEM coordinator for Educator Solutions. I am working with a wide range of stakeholders in the community and others to develop a STEM program in Norfolk which has a number of new, exciting and inspiring educational events and projects that schools can get their hands on. This initiative which we are launching is fully endorsed by The Institution of Engineering and Technology (IET).

One of these new pilot programmes is the 'IET Formal Goblin' which seeks to provide pupils with an immersive learning experience through the building of an electric, fully-driveable go-kart (Goblin series) in the classroom and / or as an afterschool club. All this requires pupils to get engaged with practical application, developing and trialling concepts, contextual application and diversity within engineering, science, mathematics and technical design. This will help develop key skills which will prepare them for employment and further education. Each group also needs to complete a written portfolio of their work and tasks along the way. You can see further details at The Greenpower Trusts website by following the link below:

Greenpower - www.greenpower.co.uk/racing/goblins

The programme is a new and dynamic approach to support schools in raising standards in numerous of the key STEM subjects through practical application. Research shows that contextualising learning and catering for all three styles of learning (VAK) can make a significant enhancement to learning. The project has the possibility to engage parents and the wider community, to get involved with the project through perhaps sponsoring a Goblin or just acting as another pair of hands or providing technical expertise. Combining this with the students having the ability to race against rival teams / schools from across the county and country, we hope that you will feel that this project is simply irresistible!

"I do hope that schools will respond well to this new approach and help to shape and develop the programme for the future. If you are looking for a way to combine science, technology, engineering and mathematical learning with practical and contextual activities, bringing a different approach to developing key area of the National Curriculum, then this for you!" Martin Radmore, Lead Adviser.

You are invited to a free evening session introducing the IET Formal Goblin project and to meet Matt Buck a teacher and the driving force behind his schools two Goblin teams. The event is being held on Wednesday 8th June 2016, 6:00 – 7:30pm. Please

Educator Solutions is a Norfolk County Council trading enterprise

www.educatorsolutions.org.uk

respond by Monday 6th as there are only limited number of places available. To book your place(s) respond to bernice.dixie@educatorsolutions.org.uk.

I very much hope that you will join me at this launch event to find out more and to be inspired. I feel very confident that schools will want to adopt this programme as once the initial outlay is achieved the programme is sustainable year after year.

Look forward to receiving your booking,

Bernice Dixie
bernice.dixie@educatorsolutions.org.uk
01603 218757

