23 September 2014

**WG6 STEM Ambassadors**

**STEM is fun! Finding out how it works, why it works, what happens if we do this.....?**

As an engineering specialist school, Wilmington Grammar School for Boys strives to encourage students of all ages to get interested in the STEM subjects (Science, Technology, Engineering and Maths). We do this in our role as a regional centre for Primary Engineer, F1 in Schools and Bloodhound SSC and through our work in the community.

Last year we introduced the Wilmington Grammar School for Boys STEM Ambassador initiative to give students formal recognition of the work they do to support our wide range of STEM projects. This was very successful which can be seen from our Stats for STEM article on the last Engineering Focus published in July.

If you would like to be a STEM ambassador you will need to be interested in one or more of the STEM subjects and be enthusiastic about passing on their knowledge and skills to others. Opportunities to act as an ambassador in WG6 include offering students support with their lessons as a study buddy, setting up and running a STEM based club which could be based on any popular STEM topic or being part of the STEM challenge team as your enrichment activity.

Being a STEM ambassador is an opportunity for you to develop your skills in the STEM subjects as well as your communication and leadership skills through a range of activities. The STEM ambassador programme means you will have evidence of the skills that you have developed to use to support UCAS applications helping you to stand out from the crowd in these important application processes.

The application process to become a STEM ambassador is in two stages, firstly you must complete the application form below by Friday 10th October, late applications will not be accepted. You will then be sent information about the training session on October 20th 2014. On the training day you will have the opportunity to interview a range of STEM ambassadors about careers in STEM, in preparation for completing your formal application for the nationally recognised STEM leadership award as well as complete a training session run by our visiting Bloodhound SSC ambassadors.

Those who successfully complete the STEM Leadership award will become a WG6 STEM ambassador and will attend further training relevant to the projects they have registered an interest in, so that they are fully prepared for their work as an ambassador during the year.

If you have any questions about the programme please come and see me before handing in your application.

Many thanks

J Smith

Engineering Specialism Co-ordinator

**WG6 STEM Ambassador Application**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contact e-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I am interested in -

Please tick those that apply

|  |  |
| --- | --- |
| Science |  |
| Technology |  |
| Engineering |  |
| Maths |  |

As an ambassador I would like to –

|  |  |
| --- | --- |
| **Activity** | **Tick those you are interested in** |
| Subject Study Buddy |  |
| Run the STEM House Challenges |  |
| Run a STEM related club |  |

Club Ideas

|  |  |
| --- | --- |
| **Please make suggestions for STEM related clubs you might like to be involved in, a few suggestions have already been made** | **I would be interested in running a club like this** |
| How do they do that? – selecting topics of interest to the group and visiting companies to see how it’s done |  |
| CAD/CAM club –looking at the use of Solidworks, the laser cutter and 3D printer to manufacture products |  |
| Design It, Make It – literally the opportunity for people to use the software and equipment to make projects that interest them. |  |
|  |  |
|  |  |

***\*Return this form to Mrs Smith in DT by 4.00pm Friday 10th October 2014\****