

invite you to take part in the

INTERNATIONAL SPACE CHALLENGE 2018

Thursday 28th June 2018
RAF Museum Cosford, Shropshire

The final frontier is about to be conquered

We are delighted to offer this one day version of our International Space Challenge for students in Year 9 or 10. It is a cross-curricular event showing how the combination of languages and science can open up opportunities in future careers. The RAF is a great supporter of languages with science, so we are delighted to be at the RAF Museum Cosford, which will make this an exceptional day for both students and teachers.



Overview

Russia is already working on their first space hotel. Your challenge will be to design a space hotel for a European consortium to compete with the Russians. The overall design will have to be smart and practical, and the hotel needs to be full of innovative ideas that have real potential to work in space. Furthermore, teams will have to work in a foreign language with continental materials suppliers and make a presentation to the European investors in French, German or Spanish. This is an opportunity for your students to put their science and languages into context in a fun environment, improving their employability skills along the way.

Outline of the day

The day will include:

- A language and science/engineering challenge for which there will be a prize for the winning team.
- Keynote talk by an RAF space specialist
- Introduction to the challenges of low-earth orbit
- An introduction to marketing concepts
- Two presentations by the students, a marketing one in their target language and an engineering one in English
- A language taster in Russian
- The opportunity to meet RAF linguists, RAF space specialists, and find out more about the RAF



During the day, Business Language Champions and RAF STEM ambassadors will be on hand to advise the students and help with engineering and language issues.

The Prize

The prize will be a Unique Experience Day at an RAF Station for up to 20 language students from the winning school. This will be a fantastic opportunity for the students to get an up-close and personal insight into the workings of a busy military unit. This could include the quality of life aspects for those on the base as well as the unique working environment and the many opportunities for personal and professional development. There will also be a prize for the runners-up, as well as spot prizes for individuals who excel and impress us



Who can take part?

You are invited to send a team of **6 students from Year 10 or high-calibre Year 9 students who have already started their GCSE courses.**

Each student must be studying both a science and a language. Each team must have a common language to work in of **French, German or Spanish.**

"Sincere thanks for the experience that our students had today. They got so much from it.....You and your team were a real pleasure to work with." Teacher at the International Space Challenge 2016

Application details

Registration deadline: Up to Friday 18th May 2018 on a first come, first served basis. Please register as soon as possible to avoid disappointment as we have a limited number of spaces.

Applications: To reserve your place, please submit the names of the students and the language they are studying. Remember to include contact details for your school. Note that we will only reserve places against receipt of names, but you are welcome to advise us of your intention to take part so that we can keep you informed about spaces available.

Cost: This challenge is £150 per team of 6 and will include lunch and refreshments.

Timing: The day will run from 9.00a.m. (registration) for a 9.25 start to 3.30p.m.

Terms: Please note that once the invoice has been issued, the full £150 will be charged unless the place can be filled by another school

Preparation: Your team will be required to do some research work before the event and the details of this will be sent out at the beginning of June.

Please send your application electronically to
sally@blcevents.co.uk

Checklist for applications:

- Student names
- Language that your team will work in
- Name and address of your school
- Name and email for the main contact
- Telephone and mobile number for the main contact



If you have any queries please ring Sally Fagan on 01949 860167 or 07967 699614 or email sally@blcevents.co.uk

We would like to thank RAF Museum Cosford for hosting this event.