



invite you to take part in the

## INTERNATIONAL SPACE CHALLENGE

Wednesday 11<sup>th</sup> June 2025

Portobello High School, Edinburgh

**The final frontier is about to be conquered .....**

We are delighted to offer your students in **S3 and S4** the opportunity to take part in our International Space Challenge. This is a cross-curricular event showing how the combination of **languages and STEM** can open up opportunities in future careers.



### Overview

The space tourism race is on, and your challenge will be to design a space hotel for a European consortium. 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 STEM and language knowledge 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
- 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



*"I just wanted to thank you for organising such a fantastic day for our STEM/MFL students. It was such a great experience for them. Our students really enjoyed the experience and gained a great deal from attending." Teacher*



## Who can take part?

You are invited to send one or more teams of **6 students from S3 and/or S4** (age groups can be mixed). Each student must be studying both a science and a language and must have a common language to work in of **French, German or Spanish**. This challenge is open to all schools on a first come, first served basis.

*“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*

## Application details

- Registration deadline:** We will continue to take bookings if space allows. However, we do recommend that you book your place as soon as possible to avoid disappointment as we have a limited number of places.
- Applications:** Each team should have **6 students**. Please register your interest through our online booking system on the [Events](#) page of our website so we can keep you informed of available space. To guarantee your places please make a booking through our system on the same link on 'Booking Form'.
- A booking is considered firm once we have received confirmation of SLT permission to attend and names of your students. To book, you will need to register on our website and create a password so that you can return and add or modify information as needed.
- Cost:** This challenge is £175 + VAT per team of 6 and up to two teachers and will include lunch and refreshments.
- Timing:** The day will run from 9.00a.m. (registration) for a 9.20 start to 3.30p.m.
- Terms:** Please note that once the invoice has been issued, the full £175 will be charged unless the place can be filled by another school
- Preparation:** Your team will be asked to do some research work before the event and the details of this will be sent out nearer the event.

### Checklist for applications:

- Name and year group for each student
- Language for your team
- School and contact details
- SLT permission
- Dietary and special requirements (can be added later)
- Photo permission (can be added later)
- Transport arrangements (can be added later)
- Details of accompanying staff (can be added later)



**If you have any queries, please ring Sally Fagan on 01949 860167 or 07967 699614 or email [sally@blcevents.co.uk](mailto:sally@blcevents.co.uk)**

***We would like to thank Portobello High School for hosting this event.***