



UNIVERSITY OF  
LEICESTER

THE  
ROYAL  
SOCIETY

## Space School – Exploring Physics Weekends

The University of Leicester's School of Physics and Astronomy is pleased to invite you to our Exploring Physics Weekends. Brought to you in conjunction with The Royal Society, we are hosting three space themed weekends. Over these weekends you'll be able to get hands on with science and engineering in the company of other space-interested young people. During the weekend you will test your engineering skills with some model rocketry and analyse the effects Solar Flares have on space weather.

These events are designed to give A-level students a fun taste of what working within the Space industry could involve while also giving a brief experience of student life, allowing students to get away from home and interact with other students that share their passions.

Come along and find out if physics is for you!



In 2023 we are running 3 Space School – Exploring Physics Weekends. Weekend 1 runs 21<sup>st</sup> -23<sup>rd</sup> July, weekend 2 runs 28<sup>th</sup> – 29<sup>th</sup> July and weekend 3 runs 18<sup>th</sup> – 20<sup>th</sup> August. These weekends are available for A-level students (year 12 & 13) who are interested in studying STEM subjects at university. Weekend 1 and 3 are open to anyone who wishes to attend and will be a residential opportunity. Two nights' accommodation will be provided in the University of Leicester's Student Halls of Residence for each participant. This will allow students to experience the independence of student life before they embark on the next stage of their education. Weekend 2 (28<sup>th</sup> – 30<sup>th</sup> July) is a non-residential opportunity for those that want to experience these activities without the added pressure of having to stay away from home.

The Exploring Physics Weekends are graciously sponsored by the Royal Society's Rosalind Franklin award and their campaign to support and promote diversity and inclusion in STEM related subjects. This means that no costs will be passed on to participants, accommodation, meals and activities are all provided free of charge and we are also working to provide travel bursaries to help support students in their travel to Leicester.

### Sample Timetable for Residential Weekends:

For the non-residential weekend arrival and welcome would be done Saturday morning and timings would be shifted to accommodate.

*Note: This is indicative of the rough structure of the event and is subject to change*

Friday	17:00	Arrival & Welcome
	18:00	Social Evening
Saturday	10:00	Rocket Building
	14:00	Rocket Launching
	19:00	Quiz and Social Time
	22:00	Stargazing in the observatory
Sunday	10:00	Space Weather with Suzie Imber
	14:00	Departure

### Sign Up

Weekend 1 – Residential – UK A-Level Students - 21<sup>st</sup> to 23<sup>rd</sup> July

<https://data.heat.ac.uk/event/apply/le/exploring-physics-residential>

Weekend 2 – Non-Residential – UK A-Level Students – 29<sup>th</sup> to 30<sup>th</sup> July

<https://data.heat.ac.uk/event/apply/le/exploring-physics-weekend>

Weekend 1 – Residential – UK A-Level Students – 18<sup>th</sup> to 20<sup>th</sup> August

<https://data.heat.ac.uk/event/apply/le/exploring-physics-residential-august-2023>

