



SPACE RACE WORKSHOP



In this immersive workshop, we take a trip into modern rocketry and learn what it takes to get into space and travel to our closest star system. We use ideas across many science disciplines to get us there. We offer students the unique opportunity to plan their own exploration mission between the stars.



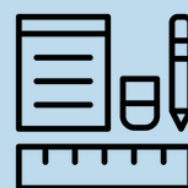
KNOWLEDGE

In this interstellar race we cover rocketry, orbits, health in space, interstellar travel, spectroscopy, exoplanet detection, gravitational slingshots, effects of g-force on bodies and details of the Alpha Centauri star system.



STRUCTURE

In the session, there is a good mix of talks by expert speakers and group work. There is time for a 15-minute break in the session. Students will be kept on task and entertained by the challenges they have to solve to get to the stars.



ACTIVITY

Each student will be assigned a team and they will complete all the task with their team mates, They will have to make decisions using scientific data and negotiate strategies within their team to ensure the success of the mission.

This expert-led workshop is suitable for students in KS4-5. Our session leaders all have PhDs in Astronomy and love questions!

We require:

- a screen to project on
- desk space for students
- access to the internet for students

Activity packs are needed for this workshop so the students have all the resources needed. A choice of packs is available upon booking.

Price: £150.00 + travel + activity packs (from £2.00 per pupil).

BOOK NOW!

To book or discuss your Mission Astro workshop, contact Dr Sarah Crick on sarah@justgoodscience.org

3-hour session.
Group sizes up to 100 students.
1 prize given per group.

WARNING!

Passions can get wild when students are discussing their ideas for space travel with their team mates. We are not responsible for any teenage explosions as a result of this task!

Scan to explore Mission Astro

