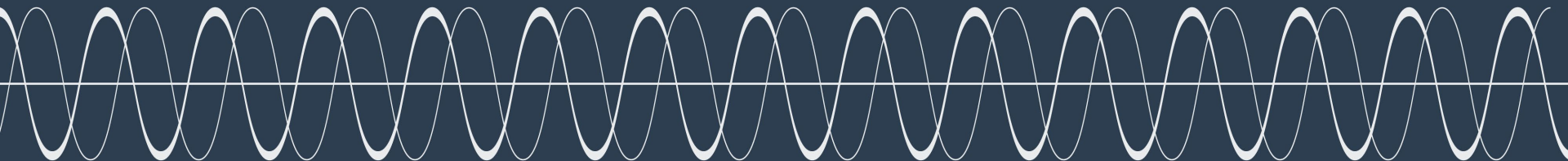
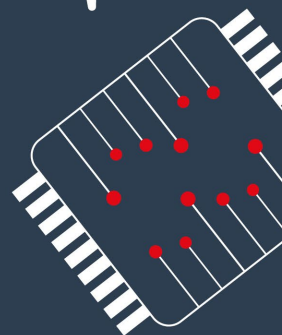


# ***WHAT LIGHTS UP YOUR LOVE OF PHYSICS?***

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***From curiosity to cosmos***

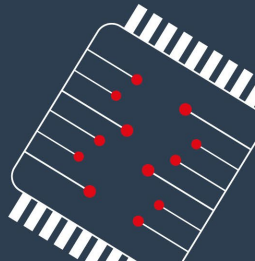
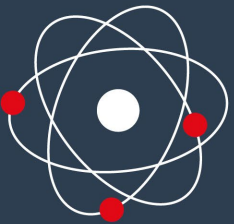




# Competition Video Entry

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What should the video be about?





### **Exploring Net Zero with Physics**

How physics plays a vital role in renewable energy, energy efficiency, and the reduction of carbon emissions, contributing to the global mission of reaching Net Zero.

### **Harmony in Formulas**

How can a mathematical equation in physics be beautiful, and could that be a guide to truth? Or is it mathematical concepts, that are beautiful, and some just happen to apply to physics?

### **Saving Lives through Medical Imaging**

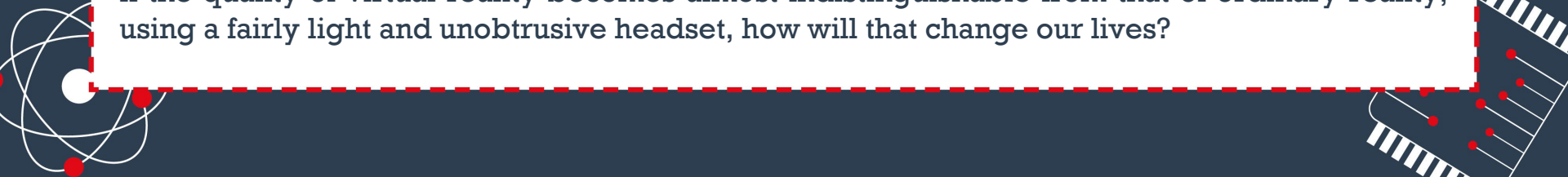
Journey through the cutting-edge realm of medical imaging showing how physics is revolutionising healthcare and saving lives.

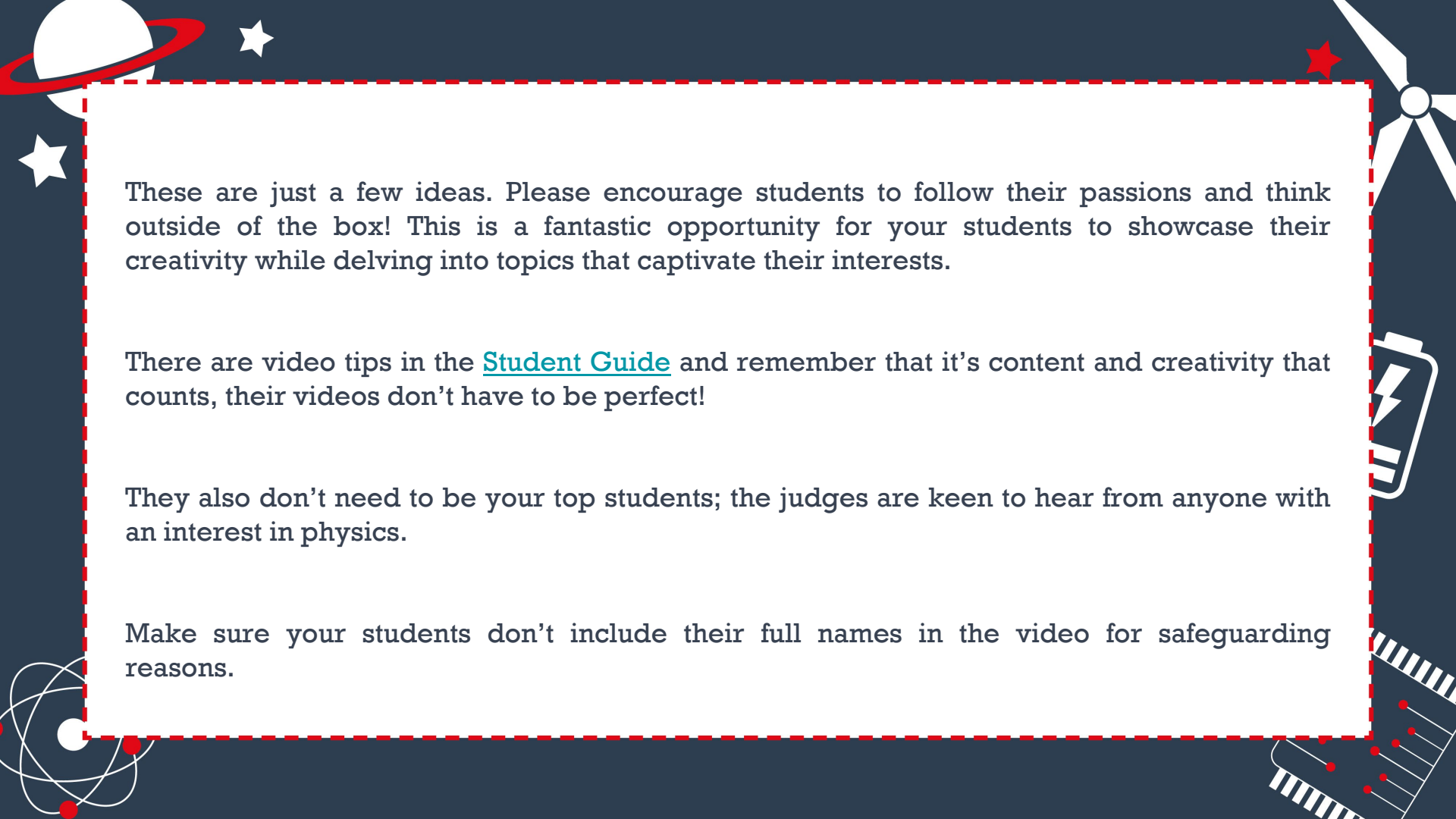
### **What is the Future of Space Exploration?**

Explore how Physics will rocket humanity to Mars and beyond, and what we might learn to benefit us all on Earth.

### **Blurring Realities**

If the quality of virtual reality becomes almost indistinguishable from that of ordinary reality, using a fairly light and unobtrusive headset, how will that change our lives?





These are just a few ideas. Please encourage students to follow their passions and think outside of the box! This is a fantastic opportunity for your students to showcase their creativity while delving into topics that captivate their interests.

There are video tips in the [Student Guide](#) and remember that it's content and creativity that counts, their videos don't have to be perfect!

They also don't need to be your top students; the judges are keen to hear from anyone with an interest in physics.

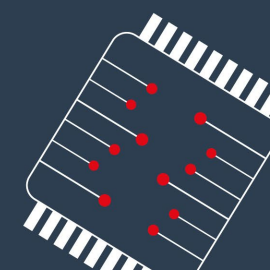
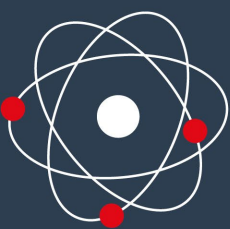
Make sure your students don't include their full names in the video for safeguarding reasons.



# Competition Prizes



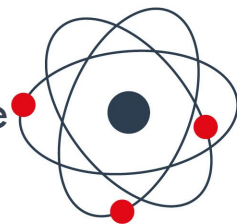
What are the prizes for the team and their school/college?





## ★ Prizes for the 10 Finalist Teams

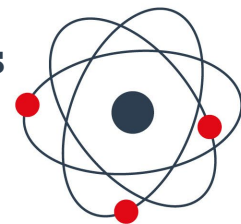
- The judging panel will select the top ten finalist teams who will be invited for an overnight stay at the Prize Event, accompanied by a member of staff.
- This event will be hosted at the prestigious Merton College, where they will present their video to the judging panel and participate in a Q&A. The teams will also receive a tour of Oxford University's Department of Physics.
- Each of the ten teams will win £600 in Amazon vouchers to share. For individuals who entered solo, they will win £400 of vouchers.
- In addition to this, the finalist's schools/colleges will each receive a fantastic £1000 towards physics equipment.





# ★ Grand Prize Winner

- In addition to the finalist prizes, the overall winning team will also receive funding for the school to organise a once-in-a-lifetime trip to CERN over the summer, for the team to get up close to the Large Hadron Collider.
- Oxford University Department of Physics will facilitate introductions and provide guidance on planning the trip.
- Additional students may also be invited on the trip, as funding is available for a maximum of 6 people.
- Travel and two night's accommodation plus reasonable expenses will be reimbursed by 31 August 2024.

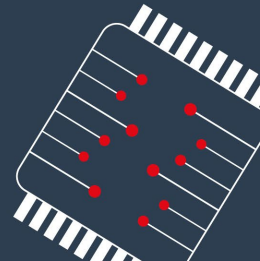
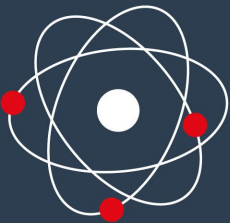




# Step-by-step guide

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How to Enter  
Dates to remember  
Things to note  
Who is organising the competition  
Further information

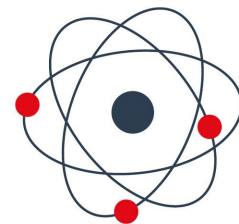






# ★ Entering a Team

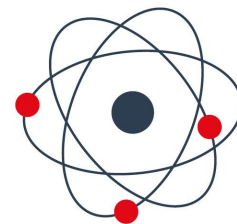
- Share this competition with your Year 12 students and direct them to the [Student Guide](#).
- Ensure Teams are made up of no more than three Year 12 students, with at least one studying A-Level Physics and the others studying one or more STEM subjects.
- Support your students to create an engaging video around 3 minutes long.
- Ask your students to complete the [Student Consent Form](#) and their parents/guardians to complete the [Parent Consent Form](#).
- Fill in the [Application Form](#) and send this, along with all the consent forms, to [competition@physicspartners.com](mailto:competition@physicspartners.com)
- Use [WeTransfer.com](https://www.wetransfer.com) to upload and share the video with [competition@physicspartners.com](mailto:competition@physicspartners.com), including your school's name.

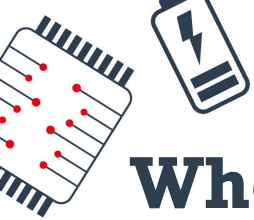




## ★ Dates to Remember

- **Submission Deadline:** You have until 19 February 2024 (11.59 pm) to submit your school's competition entry.
- **Finalists Announcement:** If your team makes it to the top ten shortlist, the good news will hit your inbox with an email notification before 1 March 2024.
- **Finalist Event:** The top 10 teams will be invited to the Prize Event on 8 and 9 April 2024, hosted at Merton College. You must confirm your school's attendance before 11 March 2024.





# Who are Physics Partners?

Physics Partners are a dynamic and expanding educational charity with a mission to improve physics teaching in schools. They provide specialised training and resources to teachers, aiming to inspire a new generation of physicists from diverse backgrounds, encouraging them to pursue STEM related careers.

*“Thanks to the expert training from Physics Partners, Physics has gone from the poorest science across our schools to the strongest science, and is now thriving”*

Paul Greenall, Partnerships Director,  
Liverpool Archdiocese Secondary Schools' Partnership

Find out about our upcoming training and events at [PhysicsPartners.com](https://www.physicspartners.com).







# Who are the competition partners?

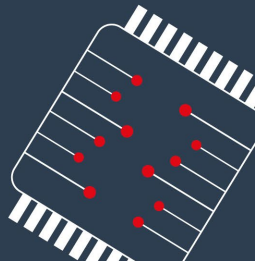
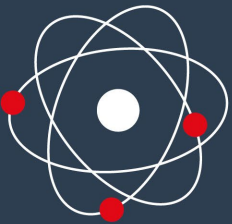
- [Physics Partners](#) are running this exciting competition on behalf of the University of Oxford's Physics Department, thanks to generous funding from the John Templeton Foundation.
- The [John Templeton Foundation](#) is a philanthropic organisation funding research and catalysing conversations that inspire people with awe and wonder.
- Oxford University's [Department of Physics](#) is passionate about sharing their research, expertise and love of Physics, through their work with schools, industry and alumni.
- [Merton College](#) is the most ancient of the Oxford colleges and has been teaching young minds for centuries. They are kindly hosting the awards event.





“The love of ideas and sense of awe at the range of science and the scale of the universe drew me ever deeper to the study of physics and mathematics. It inspired my researches into fundamental questions of reality, especially in quantum mechanics. That love was already in me at the age of sixteen but struggled to find expression. I did not know it could be honoured or even recognised. It has been my dream to help it to come alive in young people’s hearts and minds, whilst still at school, and be turned into something real, something that can be prized.”

**Simon Saunders, Professor of Philosophy of Physics, University of Oxford, and Fellow of Merton College, Oxford, Emeritus**





# ★ Further Information

- The [Student Guide](#) contains ideas for your pupils and top tips for producing their video.
- [FAQs](#) – check the Frequently Asked Questions if you have a question.
- [Terms and Conditions](#) - make sure you read the small print before applying
- Still have queries? We are here to help! Please email: [competition@physicspartners.co.uk](mailto:competition@physicspartners.co.uk).



MERTON COLLEGE  
OXFORD

