



We hope you enjoyed your Taster Lecture examining 'The Universe Beyond the Visible', from [Professor Katherine Blundell OBE](#), Supernumerary Research Fellow in Astrophysics. If you missed the live event, you can view the recording on [Inspire](#)

[Digital](#); log in using the passcode provided in your welcome email.

With each session in the Year 12 course, we will include a competition for you to participate in, based on the Taster Lecture in that session. Details of the competition, alongside further resources related to The Universe Beyond the Visible, are included in this sessions' Going Further!

The Universe Beyond The Visible

FURTHER RESOURCES

Professor Blundell OBE is the Gresham College Professor of Astronomy, and regularly delivers talks on Astronomy – [which you can view online by clicking here](#). We would really recommend this excellent series for any astronomy enthusiasts!

[How much of the unobservable Universe will we someday be able to see?](#)

[What lies beyond the observable Universe?](#)

[The mystery of how big our Universe really is](#)

COMPETITION S4

Most of our Universe cannot be seen with the human eye. Therefore, we use many tools to assist us in learning about outer space. Think of an 'object' in outer space (for example, a star, planet or black hole), and describe how humans have been able to study it.

You should mention:

- What is your 'object' called?
- What do we know about this 'object'?
- Describe how this 'object' was discovered.
- What kind of tools have helped scientists study it?

Your answer should be 300 words or less.

HOW TO ENTER

For full details on how to submit your entry, please see the [STEM Competitions page](#) of the [Year 12 section on Inspire Digital](#). The deadline for entries to Competition S4 is **5pm on Thursday 3rd June**.

PRIZES

For each competition, up to 5 winning entries will each receive a £10 Amazon voucher. Each winning entry will also be published on [Inspire Digital](#) about a week after each competition's closing date.

CLICK HERE TO SUBMIT YOUR ANSWER



ST JOHN'S YEAR 12 INSPIRE PROGRAMME: STEM

WELCOME TO OXPLORE!

Explore is an innovative digital outreach portal from the University of Oxford. As the 'Home of Big Questions' it aims to engage those from 11 to 18 years with debates and ideas that go beyond what is covered in the classroom. Big questions tackle complex ideas across a wide range of subjects and draw on the latest research undertaken at Oxford. Click these links to start exploring some Big Questions...



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[Can time travel ever be possible?](#)



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[Exploring the universe](#)

[From you to the largest structure in the Universe](#)

[What's left to explore?](#)

[The Great Space Hunt](#)

DID YOU ENJOY THIS TOPIC?

You might be interested in the following courses we offer at St John's...

[Physics](#)

Hear from a St John's student about studying these courses by clicking the links below...



[Physics](#)

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