



We hope you enjoyed your Taster Lecture examining General Intelligence, from [Dr Keno Juchems](#), Junior Research Fellow in Psychology. 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 General Intelligence, are included in this sessions' Going Further!



## COMPETITION S1

Consider the scenario below; how would you solve this situation? Write your answer in 300 words or less.

Imagine you work for a big multi-national company. A tech company approaches you saying they have developed a general-purpose Artificial Intelligence (AI). They offer to provide this AI for a new factory that is currently being built. After a few promising demonstrations of the AI's ability, your company agrees to seriously consider the offer. It is now up to you to decide if the company should hire the AI or humans for some, or all, of the tasks in the factory.

First, think of a specific role in the factory (say, a management position, or a customer-facing role). How would you make sure the AI would be good at the job? Could you use the same test for the AI that you use for humans applying for the same role?

Second, how would you make sure the AI has a broad set of skills? What minimal skills should it have to be enough of a generalist? Could the AI perhaps even take your job, and answer these questions itself?

### 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 S1 is **5pm on Thursday 8th April**.

### 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.

## ST JOHN'S YEAR 12 INSPIRE PROGRAMME: STEM



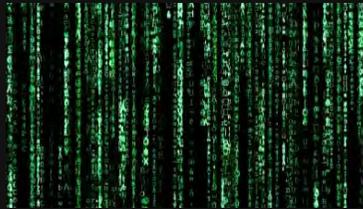
[Machine creativity](#)



[On animal intelligence](#)



[A more biological approach to designing artificial intelligence?](#)



[State of the art computer-generated writing](#)

## FURTHER READING

## WELCOME TO OXPLORE!

Oxplore 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...



[Is a robot a person?](#)

## LOOKING FOR A NEW PODCAST TO GET STUCK INTO?

The University of Oxford provides a huge variety of podcasts on every topic imaginable, from cutting-edge scientific research to exciting events happening now at the university. You can find these on the [University website](#) or on [Apple Podcasts](#). The BBC radio programme, [In Our Time](#), covers a wide variety of fascinating subjects, discussed by world-leading experts, including Oxford academics! Here are a few of our favourites:

- [In Our Time: Artificial Intelligence - from 1995 and 2005](#)
- [Alliance: Artificial Intelligence and Consciousness](#)



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