



We hope you enjoyed your Taster Lecture examining 'How is Digital Data Transforming How Cities Work? The Case of the Smart City', from Professor Gillian Rose, Professorial Fellow in Geography. 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 Digital Data and Smart Cities, are included in this sessions' Going Further!

## FURTHER RESOURCES

[The social and civic city](#)

[The future of Smart Cities](#)

# How is Digital Data Transforming How Cities Work?

## COMPETITION S4B

Think about the neighbourhood where you live. Identify a problem that you would like to see solved there, then ask yourself:

1. What kind of digital data might be gathered to help solve that problem? *i.e. what would you need to measure to help you analyse the problem and work out a solution to it?*
2. How could that data be gathered by a digital device? From a sensor on a pavement or a streetlight? From smartphone use?
3. Would you be worried about who saw that data?

Write your response, explaining the problem you have identified and your answers to the questions above. 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 S4B 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

## MAKING A SMART CITY PROMOTIONAL VIDEO

Read this blog post, then check out the two videos on the right – do they represent Smart Cities in the way that Professor Rose suggests?



***Blog: Making a smart city promotional video***  
***(By Professor Gillian Rose)***



***What is a Smart City?***



***How do you live in a Smart City?***



## 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:

[\*OSEF 2019: making smart cities smarter\*](#)

[\*Future of workspaces, connected devices and smart cities\*](#)

[\*Smart cities: Big Data's watching you\*](#)

## DID YOU ENJOY THIS TOPIC?

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

[\*Geography\*](#)

[\*Human Sciences\*](#)

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



[\*Geography\*](#)



[\*Human Sciences\*](#)

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