

# Developing data skills for the new Geography specifications

edexcel 

Friday 7<sup>th</sup> October, 10am – 4pm

**Location:** Royal Geographical Society (with IBG), South Kensington, London, SW7 2AR

❖ [Book your place via the RGS-IBG website](#)

**Royal Geographical Society**  
with IBG

Advancing geography and geographical learning

- Introduction by RGS and Pearson 10am – 10:30am

- What are quantitative skills? 10:30am – 11:30am

Richard Harris, Professor of Quantitative Social Geography at the University of Bristol, will be explaining how to engage in “*geographical story-telling with data*”, and will use a workshop to provide fresh insights into how to apply these skills in your teaching.

----- **Networking, Tea and Coffee** -----

- Contextualising numbers in Geography 11:40am – 12:20pm

David Holmes will be setting you a hands-on challenge: How can students and teachers make sense of and present data? This workshop will also look at how data skills (including the use of ‘big data’) could be used in their Independent Investigations.

----- **Lunch** -----

A carousel of 3 workshops 1:10pm – 3:30pm

- **Visualising Data:** Dave Holmes will focus on data presentation (including GIS maps and their interpretation) and will explore the value of more complex forms of data presentation.
- **Validating Data:** Simon Ward will look at how analysis (including statistical tests) can be used to assess the reliability and validity of data, and the extent to which quantitative data provides objectivity or the ‘truth’ about geographical concepts and processes.
- **Data in Systems:** Martin Evans will look at units and unit conversions in the context of carbon cycling and will examine how the use of comparable units and the concept of a ‘carbon cycle’ allow for meaningful comparisons of local measurements and a global understanding.

- Data Toolkit: 3:30pm – 4pm

To round off the afternoon, David Holmes will be fielding any further questions and suggesting how to use the delegate booklet to inspire best practice back in the classroom.

## **And one more thing...**

In the run-up to first teaching and beyond, we’re here to support you every step of the way with free support materials and events. Jon Wolton, your Edexcel Subject Advisor, is able to answer any questions you have about the courses, as well as letting you know the latest news. Simply get in touch with Jon at [TeachingGeography@pearson.com](mailto:TeachingGeography@pearson.com) or on Twitter [@Geog\\_Advisor](https://twitter.com/Geog_Advisor)

