

# PATHWAYS TO TEACHING STATISTICS

**Join us to learn how you can get free professional development with SAS UK and the Royal Statistical Society Centre for Statistical Education (RSSCSE).**

**When:** 09:30 - 15:00, Thursday 22<sup>nd</sup> March 2012

**Where:** Institute of Education, London WC1H 0AL

RSSCSE and SAS UK invite teachers to a day full of interactive practical ideas and activities for encouraging a better understanding of statistics. At the event, we will also be announcing the launch of SAS<sup>®</sup> Curriculum Pathways<sup>®</sup> free Maths and Science online resources for UK schools. The following are some of the topics that will be presented and discussed, and there will be plenty of ideas that teachers can take away and replicate.

## **SportAtSchool**

*SportAtSchool* is an extension to the already highly successful *CensusAtSchool* project that collects and disseminates real data for use by teachers and learners in data-handling. During this 'hands-on' session delegates will have the opportunity to input data online, take random samples from real data and trial free online resources.

*Kate Richards, AtSchool Coordinator RSSCSE.*

## **SAS<sup>®</sup> Curriculum Pathways<sup>®</sup> – UK launch**

SAS Curriculum Pathways is a superb, free online resource for Maths and Science teachers. It has now been mapped to the England GCSE and A-level curriculums. The interactive materials demonstrate abstract concepts in novel ways, and include interactive activities and research-based tasks. (For more information: [www.facebook.com/sascurriculumpathways](http://www.facebook.com/sascurriculumpathways), Twitter: @SASEducatorUK).

*Sue Nieland and Kathy Maitland, SAS UK.*

## **Tall Stories**

Understanding statistics involves extracting the story behind the numbers: looking critically at the assumptions made, the method of collecting the data and conclusions reached. In this talk, Neil will explore the wide range of statistical issues raised in one simple question "How tall am I?"

*Neil Sheldon, Manchester Grammar School, Chief Examiner in Mathematics for OCR.*

## **Engaging Approaches to Probability and Statistics**

This session will illustrate two activities which have engaged different groups of students in an interesting way and offered insights into the applications of probability and statistics. The first is based on the Japanese game show Tacheschi's Castle, and the second is around trying to answer the question: "Are males more intelligent than females?"

*Ted Graham, Centre for Teaching Mathematics, Plymouth University and the Further Mathematics Support Programme*

**For more information and to register for this FREE event: <http://tinyurl.com/sas-cpd>**

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**Lunch and refreshments are included.**