



Moray House School of Education and Sport is offering a **free course** on data literacy in the primary classroom.

Data literacy is the ability to ask questions, collect, analyse, interpret, communicate about data. As technology makes it easier to collect vast amounts of data, the skills to use data to solve problems fairly will become even more important. This course, developed by experts in the field of digital and data literacy and primary teaching is an innovative and exciting opportunity for professional development.

About the course

- There will **four full-day sessions** on Wednesday 7 September 2022 (f2f), 9 November 2022 (online), 25 January 2023 (online), and 15 March 2023 (f2f). (You will need to attend all of them.)
- **The course will be taught by** Professor Judy Robertson and Dr Holly Linklater and will include collaboration with data scientists, colleagues in industry, and educational experts.
- **Topics covered** will include:
 - **Exploring how data is used to solve real life problems.** From coronavirus dashboards in the newspaper, to the smart meters in your cupboard, to the Fitbit in your pocket: data displays are everywhere. We'll consider how data be used ethically to make decisions and improve our lives.
 - **The data cycle.** We'll learn about the Problem Plan Data Analysis Communication (PPDAC) cycle for data problem solving, and how you can teach this process to your learners in real life projects, both with and without technology.
 - **Links, strategies and big questions:** We'll explore how to develop strategies to ensure that *every* child participates meaningfully in opportunities to develop their data literacy. We will identify digital and non-digital pedagogical approaches to teaching data literacy, and explore how this may enrich the ways in which all learners are included in class activities. This is important to our commitment to close the attainment gap.
- There are **15 places for teachers** on the course. All primary school teachers in the South East of Scotland (City of Edinburgh, Fife, Borders, East Lothian, Midlothian and West Lothian) may submit an application for a place. Preference will be given to teachers who work in schools who are working to close the attainment gap, or to improve their technology provision.
- **Cost for classroom cover will be provided.**

How to apply

When applying to the course, **teachers must commit to:** attend all sessions; try out the course materials at their school; take part in research data collection activities; and share their knowledge with other teachers. **Send the application form (below) to Judy.Robertson@ed.ac.uk by Monday 20th June.** You will be notified if you have a place by Monday 27th June, at which time you will receive additional details.



Application Form | Data Literacy for Primary School Teachers in South East Scotland

Name:

School:

Local authority:

Year group taught:

Contact email:

Contact phone number:

Tell us about yourself, your school, and why you want to do this course (200 words) --



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To be completed by the head teacher:

I understand that:

- The member of staff (named above) has applied for the course in Data Literacy at Moray House School of Education and Sport.
- If they are successful in getting a place they will be out of class on Wednesday 7 September, 9 November 2022, 25 January, and 15 March 2023.
- Classroom cover will be funded.

Name:

Date:

Form to be returned electronically to Judy.Robertson@ed.ac.uk by Monday 20th June 2022