Plan Overview

A Data Management Plan created using DMPonline

Title: Developing and Evaluating Mainstream Spelling and Reading Instruction (DEMSRI)

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Developing and Evaluating Mainstream Spelling and Reading Instruction (DEMSRI)

1. Defining your data

1a. What data will you create or use?

Two types of data will be collected: child data and teacher data.
Child test data (anticipated volume < 2 GB per school) will be saved in .xslx format.
Completely anonynmised data will be shared with the research team in this format for processing in Excel and analysis in Stata and Mplus. It will also enable the data to be converted to another file type (e.g., .csv) for long term storage or sharing on an open data server.

Teacher survey data collected from primary school staff. Data will
(anticipated volume < 1 GB) will be downloaded in .xslx format. This format will enable data processing in Excel and analysis in Stata and Mplus. It will also enable the data to be converted to another file type (e.g., .csv) for long term storage or (anonymised) sharing on an open data server.

1b. Who owns the data you will create or use?

The Principle Investigator will be the Data Controller and will retain ownership of the data. All anonymised data will be made available via a repository after the primary data analysis. It will be made freely available via the Creative Commons license: Attribution-NonCommercial-ShareAlike 4.0 International license.

1c. Are there any ethical or legal considerations relating to the data you will create or use?

No. The project will recieve approval from the Department of Education's Research Ethics Committee.

2. Working with your data

2a. How much data storage will you require during your project's lifetime?
(tick the storage requirement you estimate for your project)

- < 250GB

2b. Where will your data be stored for the duration of the project?
(tick the storage option(s) you have chosen to use)

- University of York Google Drive
- Other storage system (please provide details below)

Data will be made available publicly on the OSF (this data will be completely anonymised).

2c. How will your data be backed up?

Data will be made available publicly on the OSF (this data will be completely anonymised).

2d. How will you manage access to your data and its security?

Physical (child data) will be stored in locked filing cabinets in locked offices at the University of York once received from schools. Only RAs working on the project will have access to the data in addition to the PI and the post-doctoral research associate for the purpose of scoring and entering the data. Teacher questionnaire responses will be recorded on Qualtrics. All electronic data will be stored securely on university systems in password protected documents.

2e. How will you organise your data?

Files will all be saved in the same folder. All file will be clearly labelled with their content as well as date created.

2f. How will your data be documented and described?

A .txt file will contain the name of the principle investigator, title, version number, date created, and the names and description of
the variables.

3. Archiving your data

3a. Which data will be retained long-term?

Anonymised data will be retained in an open access database.

3b. Where will you deposit the data?
(tick the data repository/archive you have chosen or are required to use)

- A subject or discipline-specific data repository (please provide details below)

Data will be deposited in the Open Science Frameworks repository.

4. Sharing your data

4a. Will the data you archive be openly shared?

- Yes (go to question 5a)

4b. What access restrictions will be imposed on the data you archive?

Question not answered.

5. Implementing your plan

5a. Who is responsible for implementing your plan?

Cameron Downing

5b. How will your plan be kept up-to-date?

This plan will be reviewed and updated at 6-monthly intervals.

5c. What training or further information will you need to successfully manage your research data throughout the project?

None