Help us map the education sector to understand “where does my data go?”

1. education community
2. collaborate
3. where do I contribute?

The Organisations and the People

1. infrastructure units
2. third parties
3. relationships


Data structures and data access vs data transfer requirements

1. reports
2. history
3. legal and regulatory


Why map children’s digital footprint throughout education

1. education orgs have legal duties and transparency responsibilities
2. individuals (incl. children) have rights to be told
3. lack of understanding limits transparency and involvement and digitally disempowers children
4. and as a bonus, staff should better understand how and where they contribute to the big picture of education in England


Why this matters ‘now’

“Will the Minister talk to the DfE about this, and include a warning about the national pupil database? The NPD routinely collects highly sensitive data about all the nation’s children and shares them across government departments, with academics and with private companies. There is little transparency as to why it collects what it does, it is a workload pressure on teachers and I hope that the Minister can help them quickly address concerns about this data collection.

“Our digital future is uncertain. With transparency, inclusion and understanding, we can progress with consent and confidence.”

Lord Jim Knight, Digital Understanding, 7/9/2017 House of Lords
Your Homework

Add them here in comments http://bit.ly/2vjdezo

Think about your school and map it

1. scribble down/ list / share/ use post-its to capture them all
2. second step is to work out the data flows and access:
   who can view what data for how long and why?

   a. classroom tools
   b. online / cloud providers
   c. paper records
   d. technology on the school estate
   e. third parties


The technology the office uses for admin include:

absence / sickness? biometrics for lockers/library/canteen/
printing? cashless systems? CCTV? clubs and homework?
communications from school?
Interoperability / data transfers from SIMS systems? RFID?

Add them here in comments http://bit.ly/2vjdezo

The app providers I use are:

when I sign up children with any provider / company /
teaching / technology tool, what data does it collect? or
do I create or do I enter from and for each child?
Retention? Destruction?
Storage where?

Add them here in comments http://bit.ly/2vjdezo
The safeguarding providers used at school are:

when children use our computers and technology what information does the provider / company / BYOD/ technology tool collect? Store? Pass on to which others?

Add them here in comments http://bit.ly/2vjdezo

"Education technology is one of the fastest growing sectors in the UK, accounting for 4% of all digital companies, and UK businesses have become world leaders in developing innovative new technologies for schools."

[government UK Digital Strategy, March, 2017]
What about Freedom to Develop, Parental prejudices, Data Bias, Rights to Protect Reputation

“Children’s education should develop each child’s personality, talents and abilities to the fullest.”

[UN Convention of the Rights of the Child]

GDPR: Start from Recital 38

“Children merit specific protection with regard to their personal data, as they may be less aware of the risks, consequences and safeguards concerned and their rights in relation to the processing of personal data.”

GDPR and Sensitive personal data

“The GDPR refers to sensitive personal data as “special categories of personal data” (see Article 9). These categories are broadly the same as those in the DPA, but there are some minor changes.

For example, the special categories specifically include genetic data, and biometric data where processed to uniquely identify an individual. (i.e. pupil fingerprints are biometric data)

Personal data relating to criminal convictions and offences are not included, but similar extra safeguards apply to its processing (see Article 10).”

[ICO, 2017]

Types of data collected

- Pupil personal data
- Parent /guardian personal data
- Attainment
- Absence, Behavioural, Classroom apps, Exclusion, Identifiers, SEN care and health
- Fixed and flexible characteristics over time
Purposes of data in State Education

- Direct schooling and support
- Administration and Accountability
- Safeguarding and social care support
- Permanent retention (England’s National Pupil Database ca. 23 million identifiable records)
- Public interest research
- Other ‘research’ purposes
- Other national and local purposes

Linked longitudinal admin data used at government level: ‘destinations data’

Data in State Education in England: Case Studies of national level use

Mime Consulting

We use our proprietary data warehouse, DataHub, to process a huge range of education data.

“We use data from the NPD to track your students wherever they go within England.”
“...have offered cast-iron assurances that no children will be identified through our use of this data.” (Not could not, but would not).

“the price of innovation does not need to be the erosion of fundamental privacy rights.”

[Elizabeth Denham, The Information Commissioner 3 July 2017, findings on Google DeepMind and Royal Free]

• What do *your* privacy notices look like?

• Will you be able to tell pupils and staff where their personal data goes by May 25, 2018, if not now?

• Are your own, or DfE, or Third Party use clear and understandable to a child at your organisation?


For information on which third party organisations (and for which project) pupil level data has been provided to, please vi: https://www.gov.uk/government/publications/national-pupil-database-requests-received
1. **Now by Oct 5th:** Refuse. Retract. Resist use of all school census data in immigration enforcement and the collection of nationality #BoycottSchoolCensus

2. **ASAP and by Dec 1:** Contribute (anon or with name) to “where does my data go?” for report to be published in 2018. See link to add comments [http://bit.ly/2vjdezo](http://bit.ly/2vjdezo)

3. **Now and medium term:** Review data policy and practice and carry out data audit of what you hold and why ahead of May 25, 2018 (Data Protection Officer)

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**Questions?**

Jen Persson  
Director, defenddigitalme  
defenddigitalme.com  
jen@defenddigitalme.com  

@defenddigitalme / @TheABB