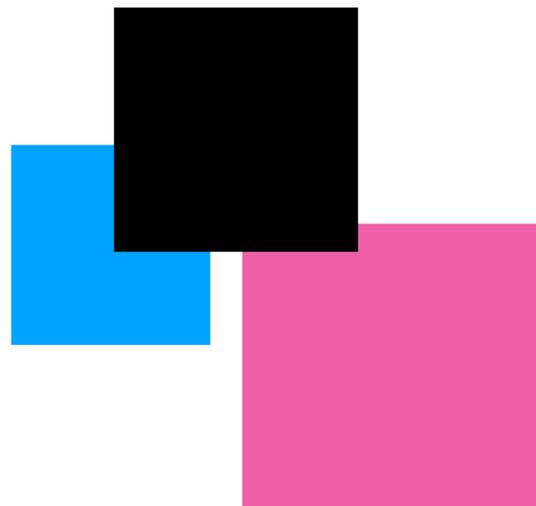




Ethical use of children's data

March 7, 2020
Tate Exchange



“the human race is about to enter a totally data mined existence, and it's going to be really fun to watch... the world in 30 years is going to be unrecognisably data mined.”

Jose Ferreira, CEO of Knewton, 2012



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“education happens to be today,
the world's most data mineable
industry– by far.”

Jose Ferreira, CEO of Knewton, 2012

Who run the world?



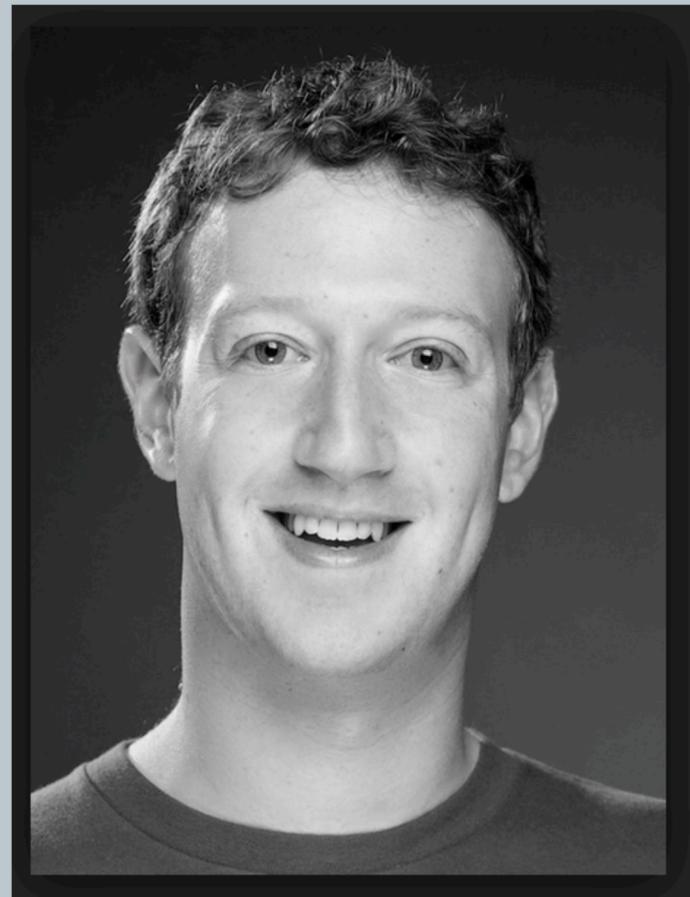
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Changing the landscape of education infrastructure



EDUCATION DISRUPTED

How Google Took Over the Classroom

The tech giant is transforming public education with low-cost laptops and free apps. But schools may be giving Google more than they are getting.

Changing the language of education

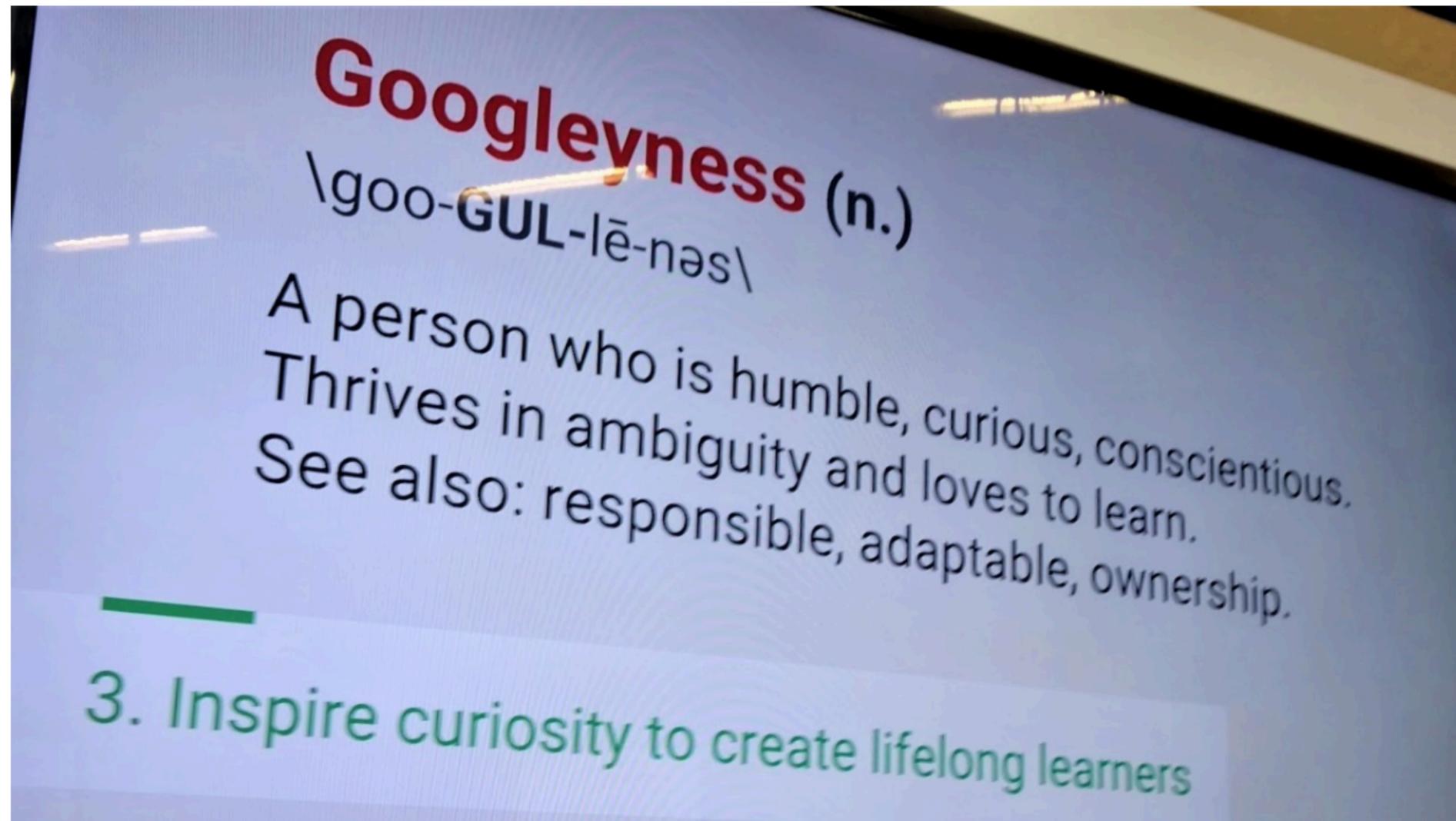
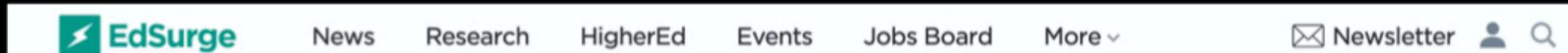


Figure 2: Google for Education's definition of 'Googleytness' (n.), from an AppsEvent workshop on G Suite for Education (2017).

Sales, mergers, private equity and takeovers



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MERGERS AND ACQUISITIONS

China's NetDragon to Acquire Edmodo for \$137.5 Million

By Betsy Corcoran and Tony Wan Apr 9, 2018



Investors poured in \$517 million across 231 deals in ed-tech sector since 2014, according to Tracxn Technologies, a start-ups tracker. Photo: Mint

Slew of buyouts in education technology space signal consolidation

2 min read . Updated: 18 Aug 2017, 07:24 AM IST

Prashant K. Nanda

A recent wave of consolidation in the education technology business could result in companies with the size and scale required to tap the opportunity in the space in India



datafication



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mechanisation



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dehumanisation



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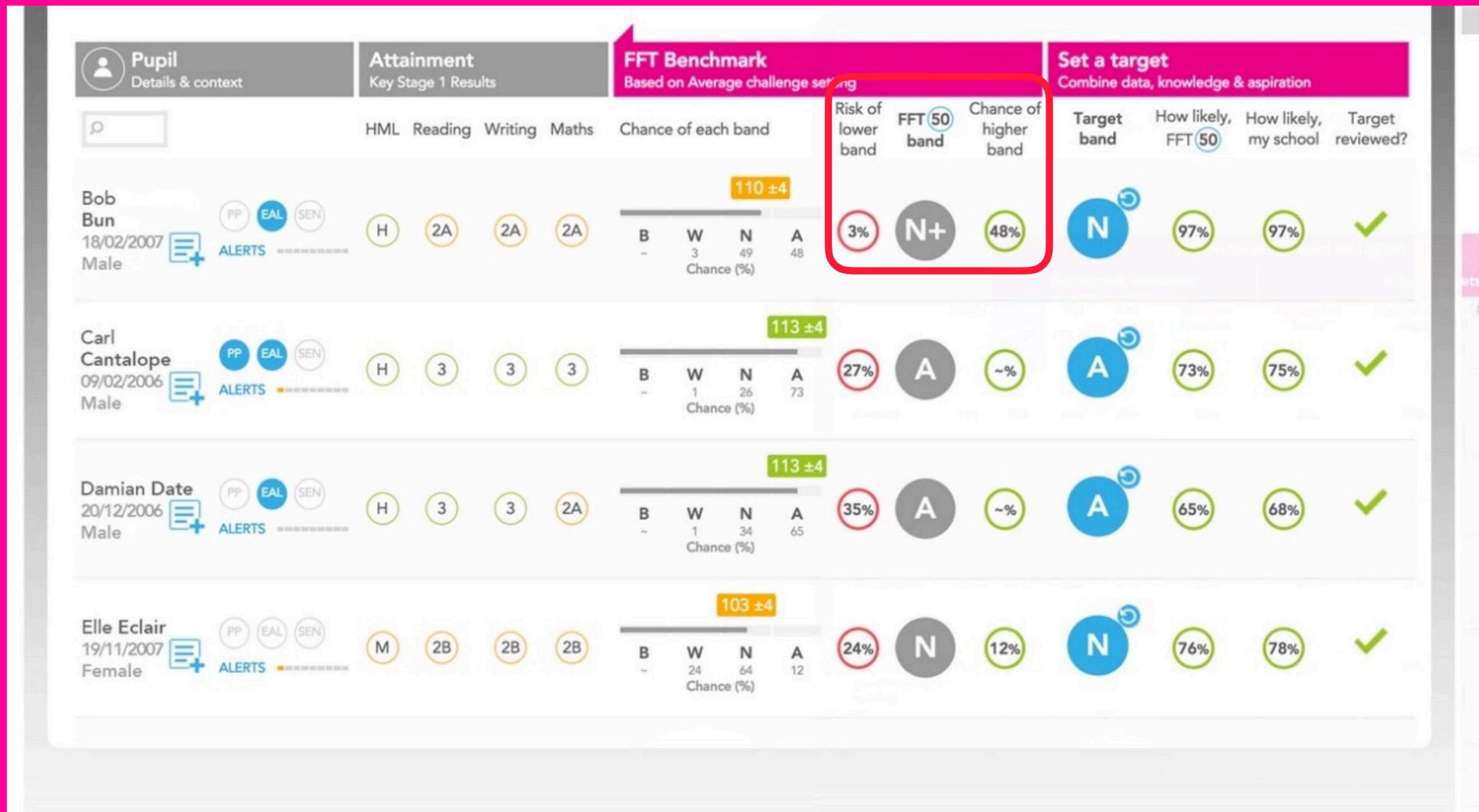


“The sensitivity of digitized pupil and student data should not be underestimated”

International Working Group on Data Protection in Telecommunications Working Paper on e-Learning Platforms
(April 2017)



Case study: Profiling and Prediction of Performance

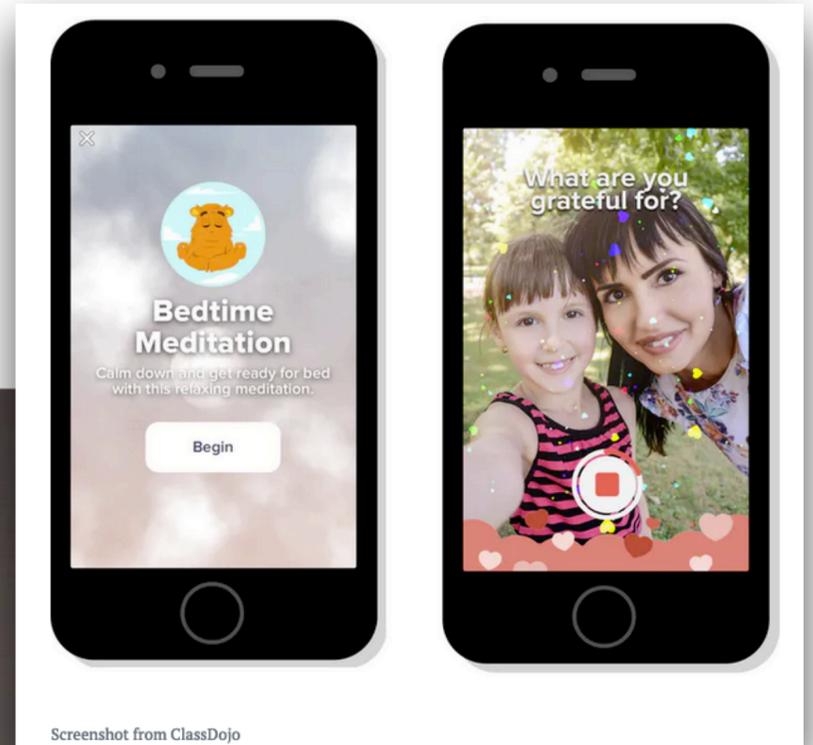
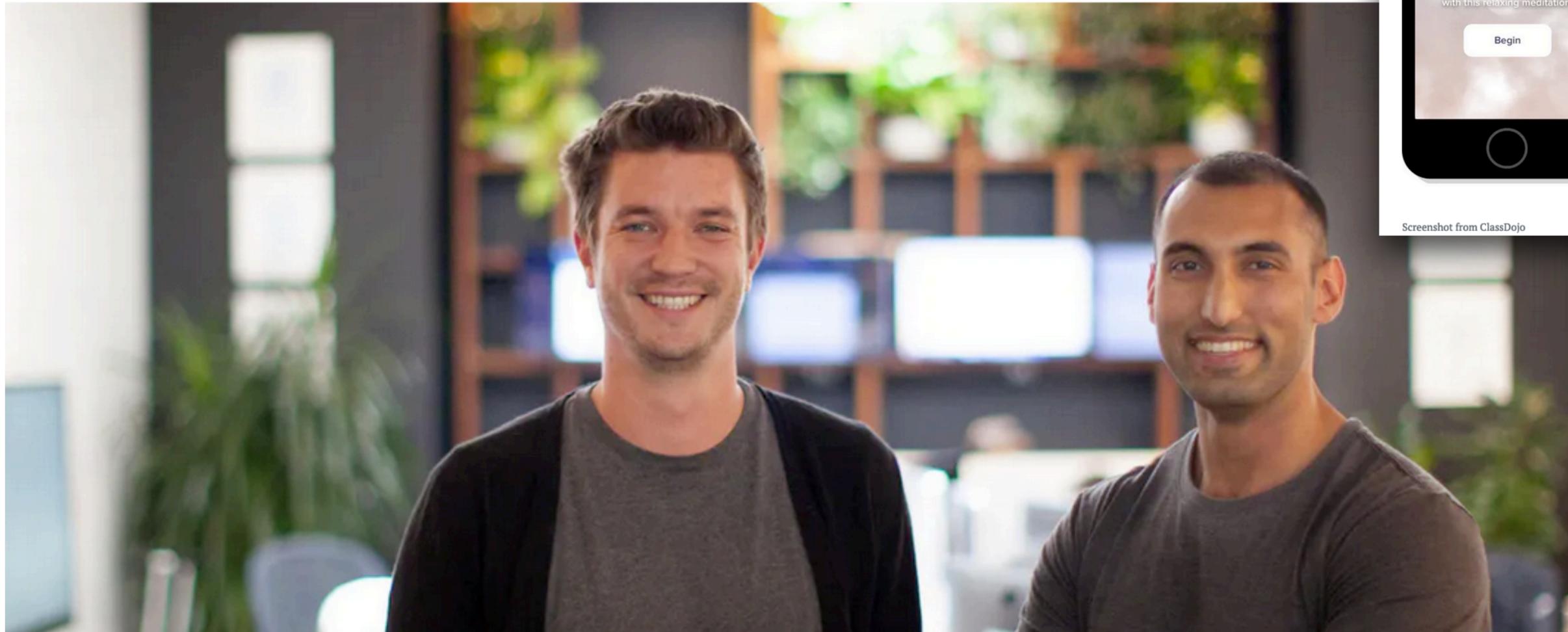


Predictive risk scores are acted on in school.

STARTUPS

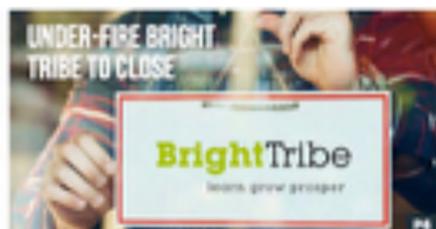
ClassDojo Goes 'Beyond School' to Launch First Monetization Feature for Parents

By Tony Wan Nov 15, 2018



SCHOOLS WEEK

A digital newspaper determined to get past the bluster and explain the facts.



A camera in every classroom: Is Big Brother watching you?

- Birmingham UTC becomes first school to install always-on 360° lesson cameras

Teachers wear body cameras to make rowdy pupils think again

Nicola Woolcock, Education Correspondent

Friday February 07 2020, 5.00pm,
The Times

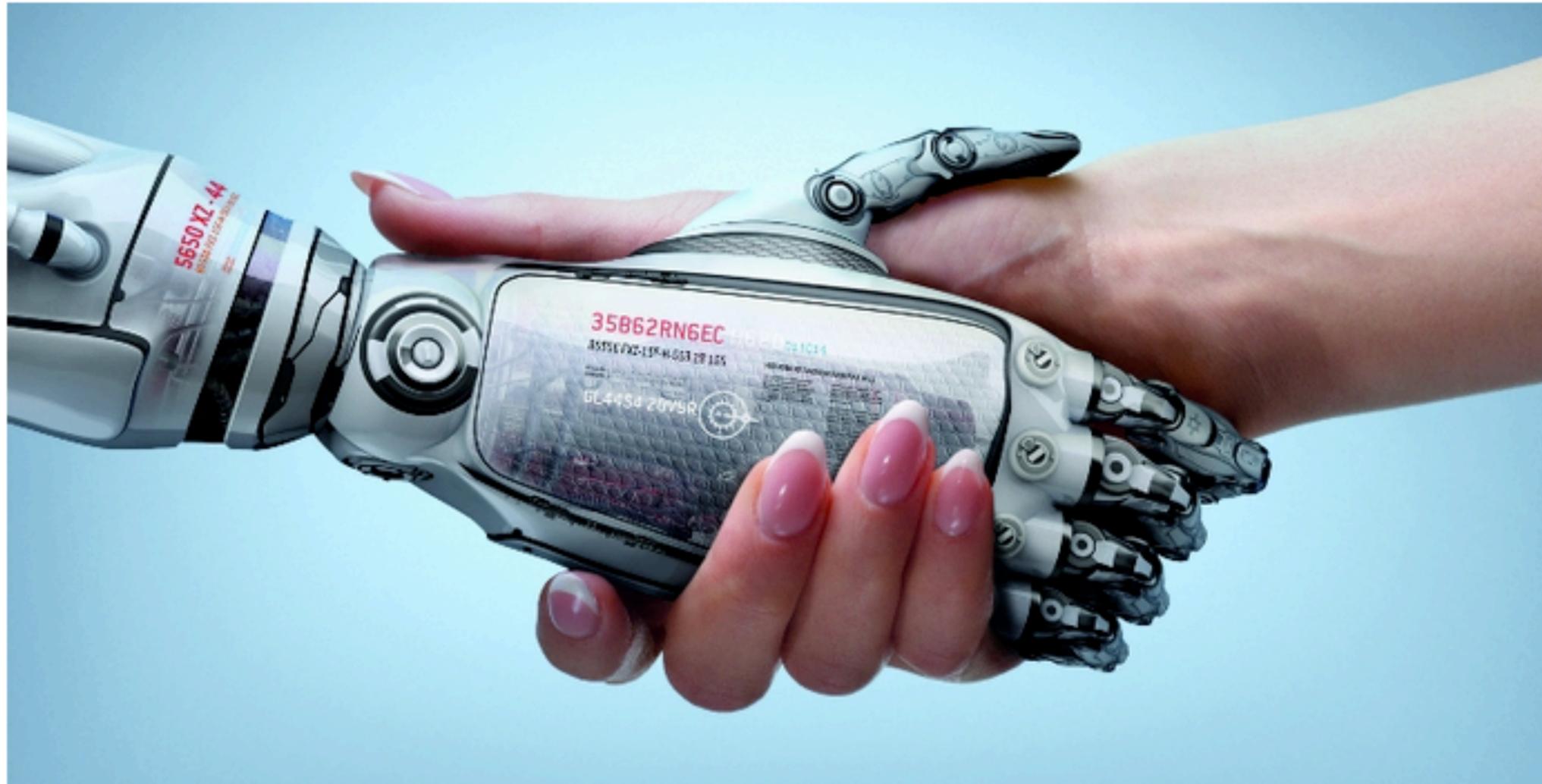


Schools say the cameras help to "de-escalate confrontations"

Schools are giving teachers body cameras usually worn by police and security guards in a pilot scheme to tackle pupils' bad behaviour.

How to make AI in education ethical

AI is exciting, terrifying, and game-changing for education. But how can we make sure it's ethical? Hazel Davis finds out...



AI is one of the biggest technological advances of recent times, and perhaps ever

Tuesday 17th September 2019

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Biometrics: who do you think you are?





News > Education > Education News

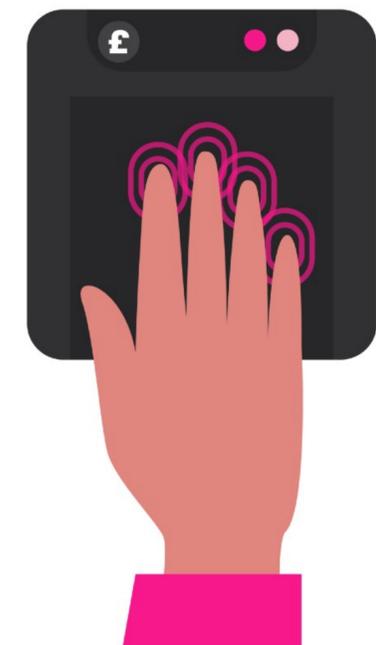
Privacy concerns raised as more than one million pupils are fingerprinted in schools

An estimated 31 per cent of schools did not consult parents before using the biometric technology

Richard Garner | Thursday 2 January 2014 23:59 GMT | [0 comments](#)



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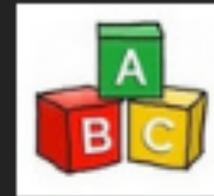


Object to misuse of school census data by the Home Office.

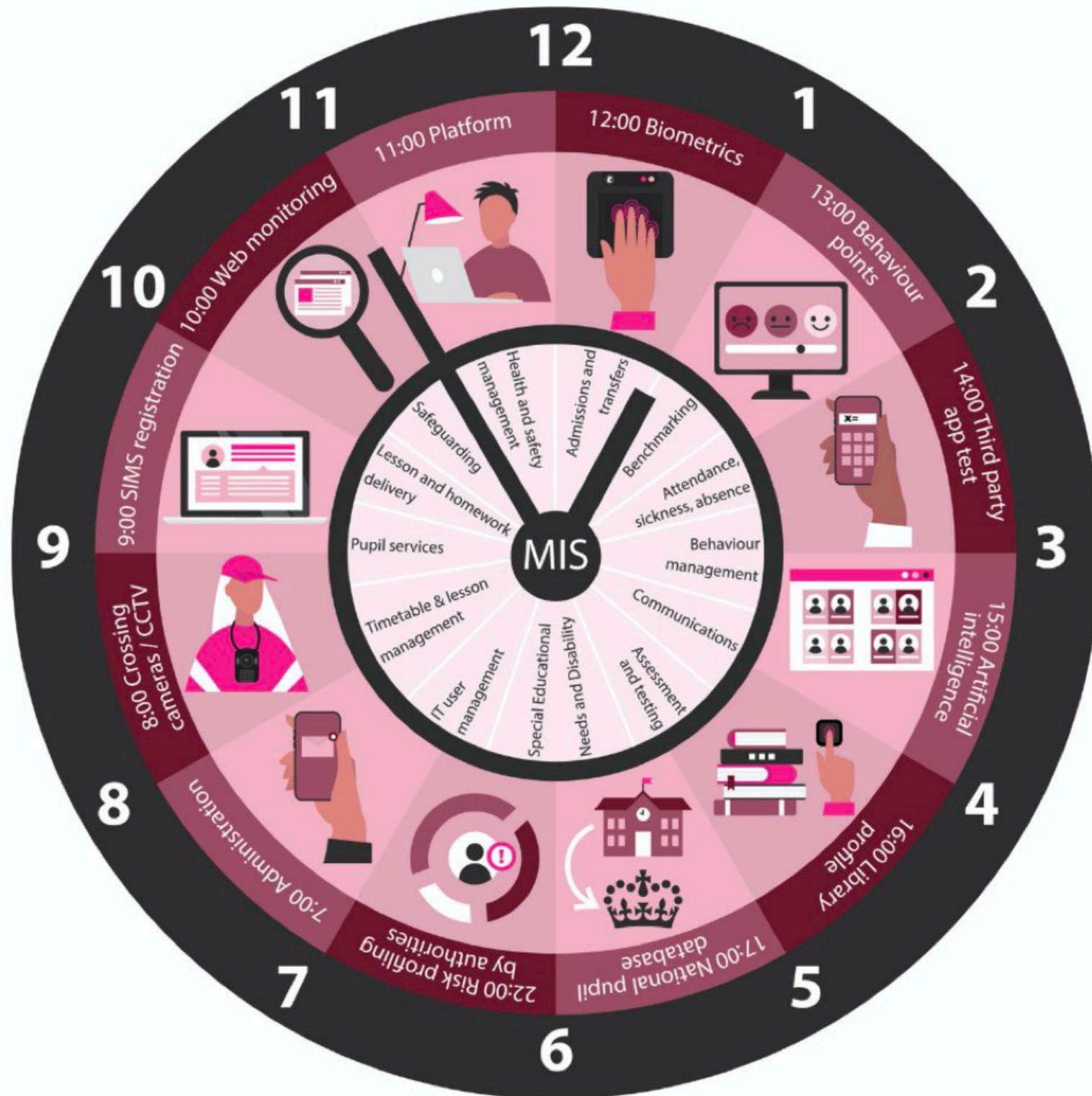
School level template now available
to download.

REFUSE.
RETRACT.
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#BOYCOTT SCHOOL CENSUS



Object to misuse of school census data by the Home Office.



What does a day-in-the-life of a datafied child look like at your school, and can you explain it?

defenddigitalme.com
#MyRecordsMyRights

Ethics in the use of children's data is a question of the big picture.



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Today we have data protection impact assessments, but not Digital Impact Assessments.



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Emerging harms and questions of ethics in education data

recode

Artificial intelligence will help determine if you get your next job

AI is being used to attract applicants and to predict a candidate's fit for a position. But is it up to the task?

By **Rebecca Heilwell** | Dec 12, 2019, 8:00am EST

Revealed: betting firms use schools data on 28m children

Kenza Bryan, Sian Griffiths and Jon Ungeod-Thomas

Betting companies have been given access to an educational database containing names, ages and addresses of 28 million children and students in one of the biggest breaches of government data. They have used it to help increase the proportion of young people who gamble online. It contains details of children age 14 and above in state schools, private schools and colleges in England, Wales and Northern Ireland.

Anne Longfield, the Children's Commissioner for England, said last night: "I am very shocked to learn that data has been handed over in this way."

Strict privacy rules mean the database, the Learning Records Service, should be used only for educational purposes.

When confronted with the findings of a Sunday Times investigation, the Department for Education (DfE) disabled the database and referred the breach to the Information Commissioner's Office, which regulates data protection. Gavin Williamson, the education secretary, has ordered his department to "leave no stone unturned" in its investigation.

The DfE said the arrangement with betting firms was not approved by officials and that a third party data company was being investigated over providing unauthorised access. In a further

twist, DfE officials revealed that about 12,000 organisations had access to the Learning Records Service. The department will investigate whether children's sensitive data - including records of disabilities and special education needs - has been widely compromised.

The scandal comes as experts warn of the mounting toll of a gambling health crisis among young people. Rates of moderate or problem gambling triple between the ages of 17 and 20, according to a Liverpool University study for Gamble Aware, a charity.

The Sunday Times has established that GE Group, one of the country's leading data intelligence companies, had a confidential contract through another company to access the Learning Records Service for age and identity verification services it provides to clients, which include 12Red, Betfair and other gambling companies.

The data has been used as a fast and cheap way to verify the ages of young online customers who claim to be 18 or over and legally permitted to gamble. It is claimed one

Continued on page 2+

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Companies Offer Big Data Tools to Predict Teacher Candidates' Impact

By **Benjamin Herold** on December 19, 2013 1:10 PM

Can big data and predictive analytics help school leaders hire better teachers?

That's the new pitch being made by two companies: **TeacherMatch**, from Chicago, and Washington-based **Hanover Research**. Both claim that their new algorithm-driven teacher-selection tools can predict the impact teacher candidates will have on student test scores should they be hired, which they argue would be a significant upgrade over the screeners currently in use.

Between them, the companies say they have signed up nearly two dozen districts and charter organizations already.

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 - Ranked scholastically in the upper 20% of his or her class
 - Had a grade average of B or higher
 - Had a grade point average of 3.0 (out of 4.0) or higher
 - Made the Dean's List or Honor RollHome study students may be eligible if they submit evidence they have taken certain national standardized tests, administered within the last 12 months and ranked in the upper 20%. Proof of eligibility is required when an application for insurance is submitted.

UNCRC rights and freedoms

Participation

Right to be heard (Article 12)
Best interests of the child (Article 3)
Freedom of expression (Article 13)
Freedom of thought (Article 14)
Association and assembly (Article 15)
Access to information (Article 17)
Right to cultural life (Article 31)

Provision

To development of their full potential (Article 28)
For responsible life in a free society
Right to education (Article 29)
Cultural and social benefit (Article 17)

Protection

From discrimination (Article 2)
Neglect and abuse (Article 19)
Exploitation and harms to welfare (Article 36)
Injurious material (Article 17e)

Privacy

No child shall be subjected to arbitrary or unlawful interference with his or her privacy, family, or correspondence, nor to unlawful attacks on his or her honour and reputation. The child has the right to the protection of the law against such interference or attacks. (Article 16)



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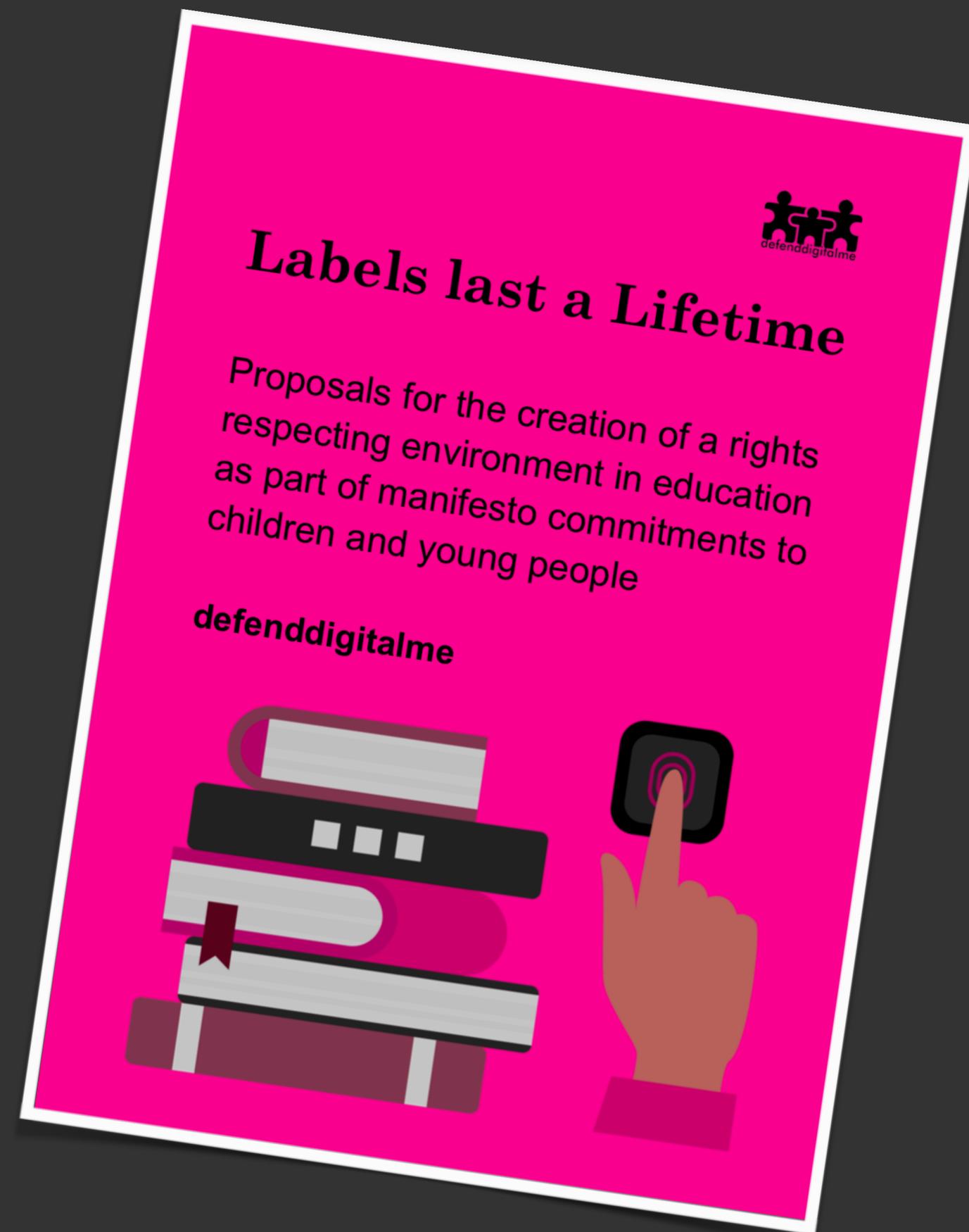


“Children do not lose their human rights by virtue of passing through the school gates”

UN Committee on the Rights of the Child, on ‘The aims of education’, 2001



We need to build a rights' respecting environment in education, for ethical use of children's data.



 @defenddigitalme
 @TheABB

jen@defenddigitalme.com

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