

# Revisioning trusts in a digital and AI infused landscape

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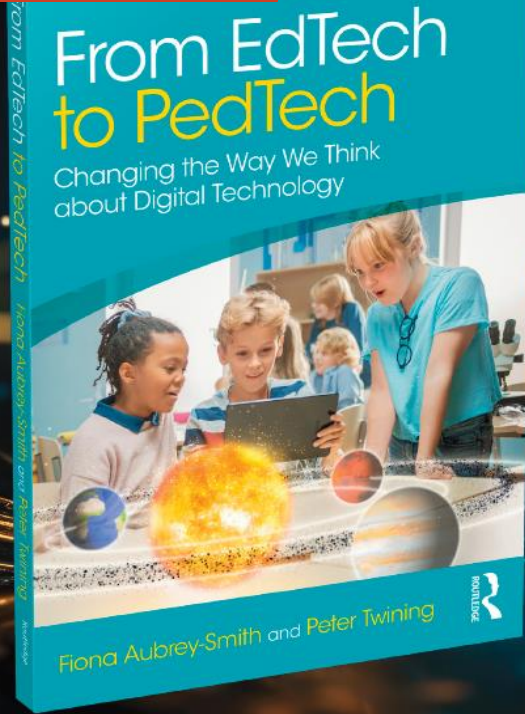
MATs Summit  
28 November 2024  
10:30-11:00

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Global #1 Bestseller



# From EdTech to PedTech

Changing the Way We Think about Digital Technology

Fiona Aubrey-Smith and Peter Twining

 **Routledge**  
Taylor & Francis Group

<https://routledge.pub/From-EdTech-to-PedTech>

“

Here is the best attempt I've seen to think through the implications of the accelerating changes in educational technologies for everyday teaching... It should be read by every school.

**PROFESSOR SIR TIM BRIGHOUSE**

Former Schools Commissioner, Leader of London Challenge, Visiting Professor at the Institute of Education, UCL

“

A must-have resource.

”

**– PROFESSOR DAME ALISON PEACOCK**

“

Who's driving the EdTech bus? After reading this book, you will become the driver.

”

**– PROFESSOR JOHN HATTIE**



Every academy trust has, as its charitable object,  
**'the advancement of education for public benefit'**



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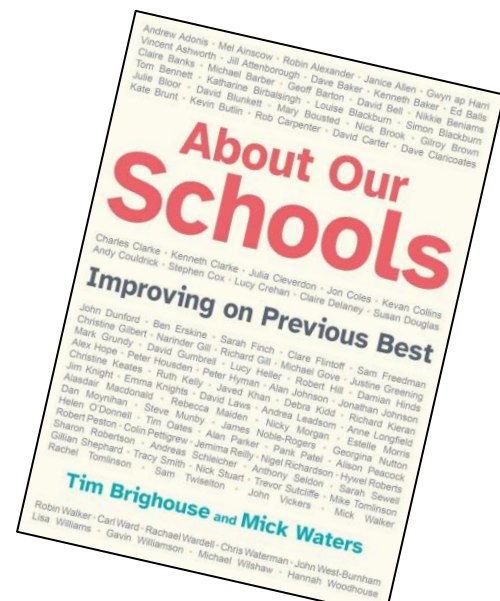
What 'is' our vision for **education**?

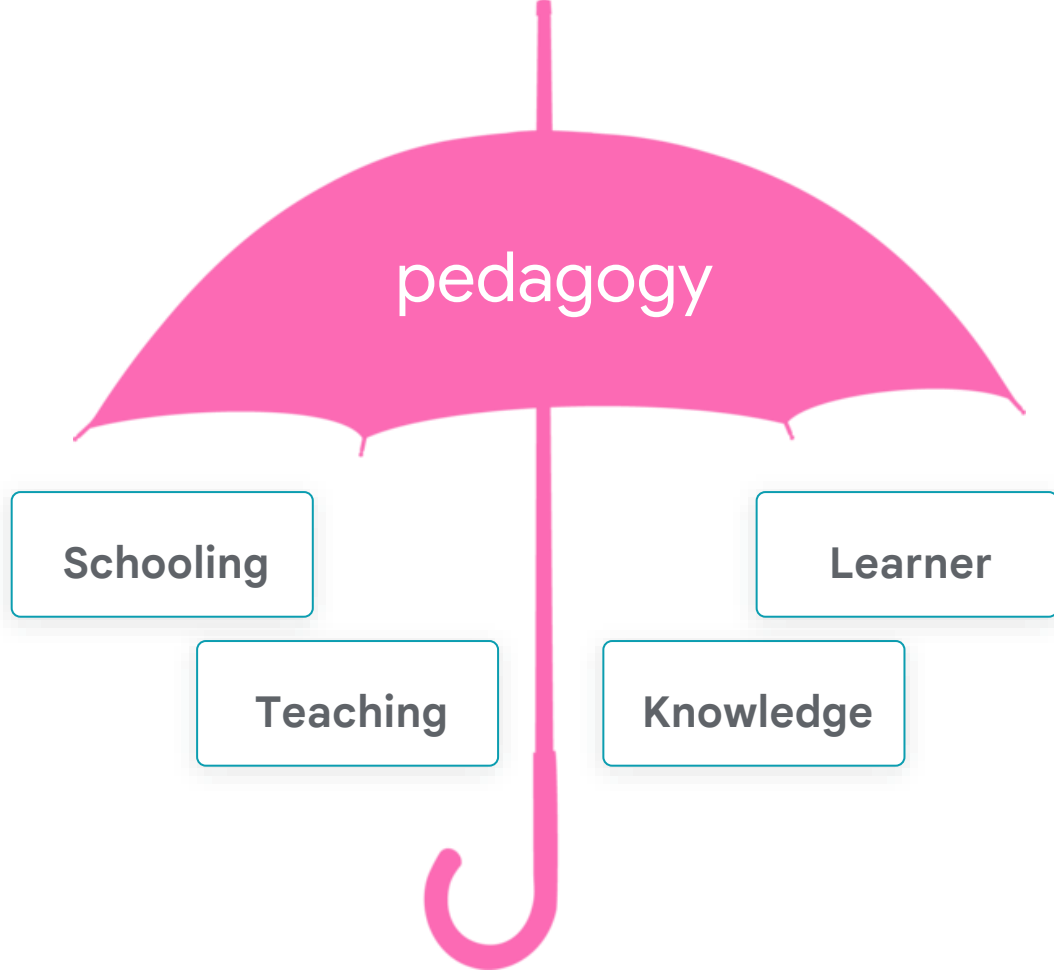
(and what are we trying to 'advance'?)

“There is a **lack of agreement** about what schooling is for:  
if we have no agreed purpose, the whole enterprise is  
vulnerable to the **whims of individuals**,  
whether in schools, MATs or governments”

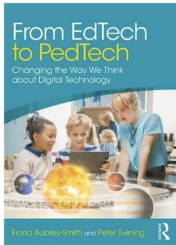
**Sir Tim Brighouse & Professor Mick Waters (2021)**

***About Our Schools***







The structural support of learners & learning



Why does this matter  
in a conversation about **digital**?



# Digital Quiz



## Pedagogical Approaches (How?)

Retrieval practice  
Formative assessment

## Pedagogical Practice (What?)

Individual  
Instant feedback  
Time efficient

## Pedagogical Beliefs (Why?)

Beliefs that:  
learning is sequential,  
cumulative & individual  
that knowledge is right or  
wrong

1

What **value** should **humans** add  
to processes that can be **automated** ?

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# Collaboration

(adults & children!)

## Pedagogical Strategies

(How?)

Questioning  
Active Listening  
Metacognition



## Pedagogical Practices

(What?)

Idea boards  
Collaborative documents  
Team tasks

## Pedagogical Beliefs

(Why?)

Socialising ideas affects our understanding

**The type of talk matters.**

# Should talk form part of learning?

If so, for whose **benefit**?



## Benefit 1

So that an **educator** can check **learner recall**.



## Benefit 2

So that an **educator** can identify **learner misconceptions**.



## Benefit 3

So that a **more knowledgeable other** nurtures depth through **questioning**.



## Benefit 4

So that **communities** develop mutual understanding through **discussion**.

Which need a teacher?

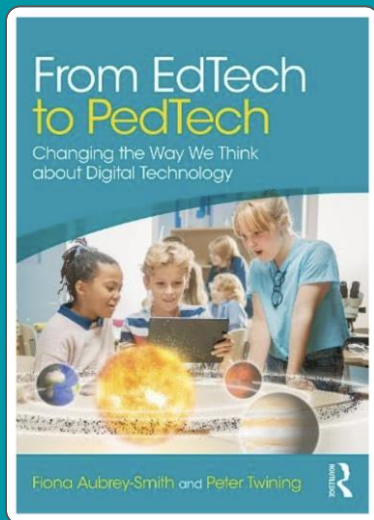
Which need a human?

2

How will **our teams** nurture **Human Interaction**  
in a landscape now infused by **Artificial Intelligence**?

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# Pedagogical Alignment



## Experience & Internalisation

### Actions

(Classroom practice,  
Administrative functions)



### Strategies

(Mission & Delivery Models,  
Teaching & Learning methods)



### Intentions

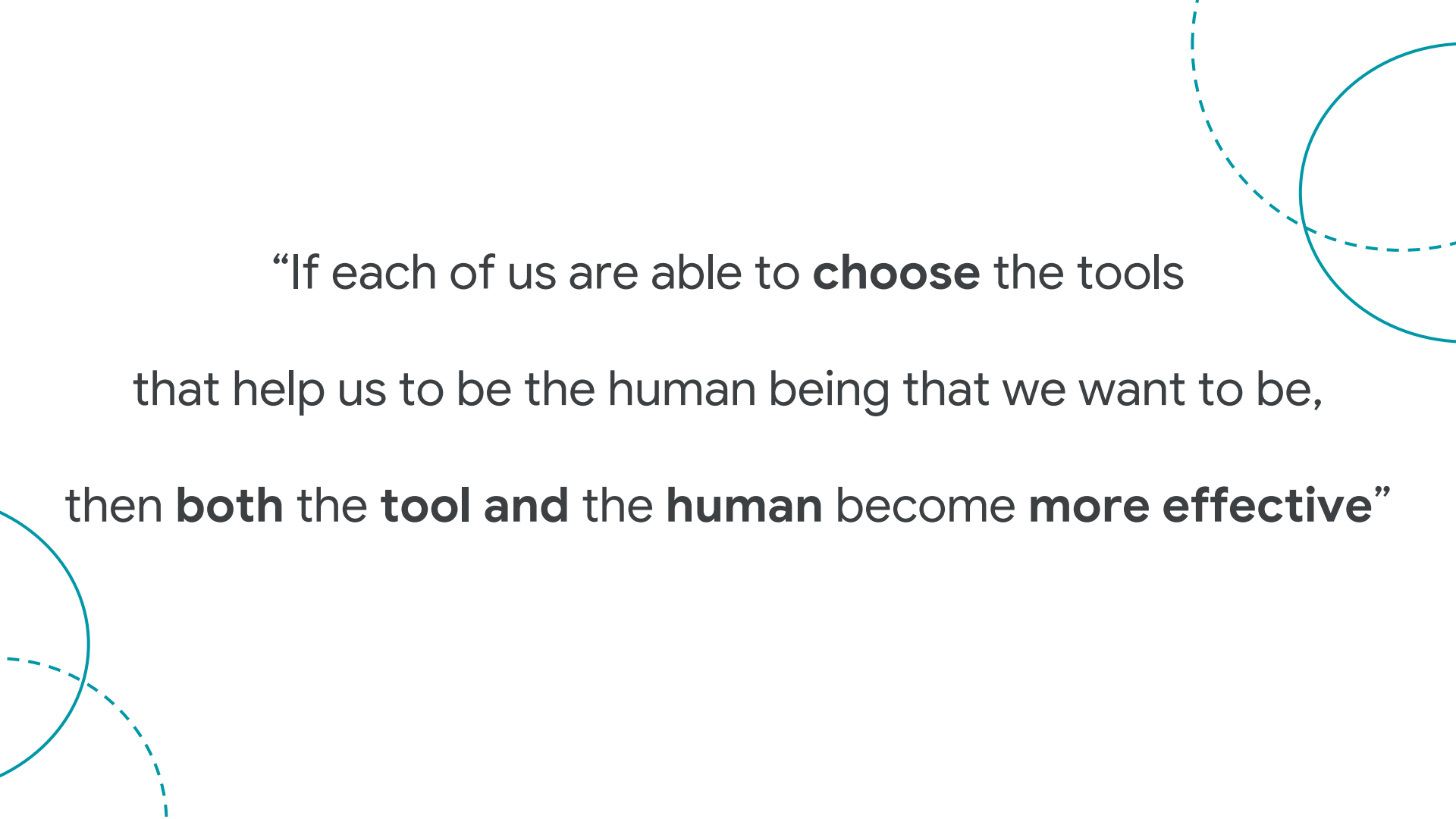
(Values, Vision, Ethos, Policy)



### Pedagogical Beliefs

(How learning is structurally supported)



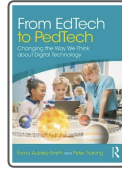


“If each of us are able to **choose** the tools  
that help us to be the human being that we want to be,  
then **both** the **tool and** the **human** become **more effective**”

## An **EdTech** mindset

How can we **use** digital tools  
to support our pedagogy?

(**Tool** as pivot)



## A **PedTech** mindset

What **is** our pedagogy and  
how could digital tools  
support it?

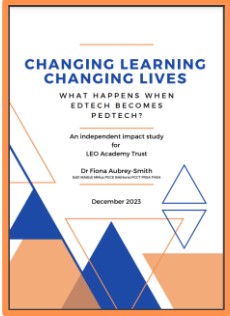
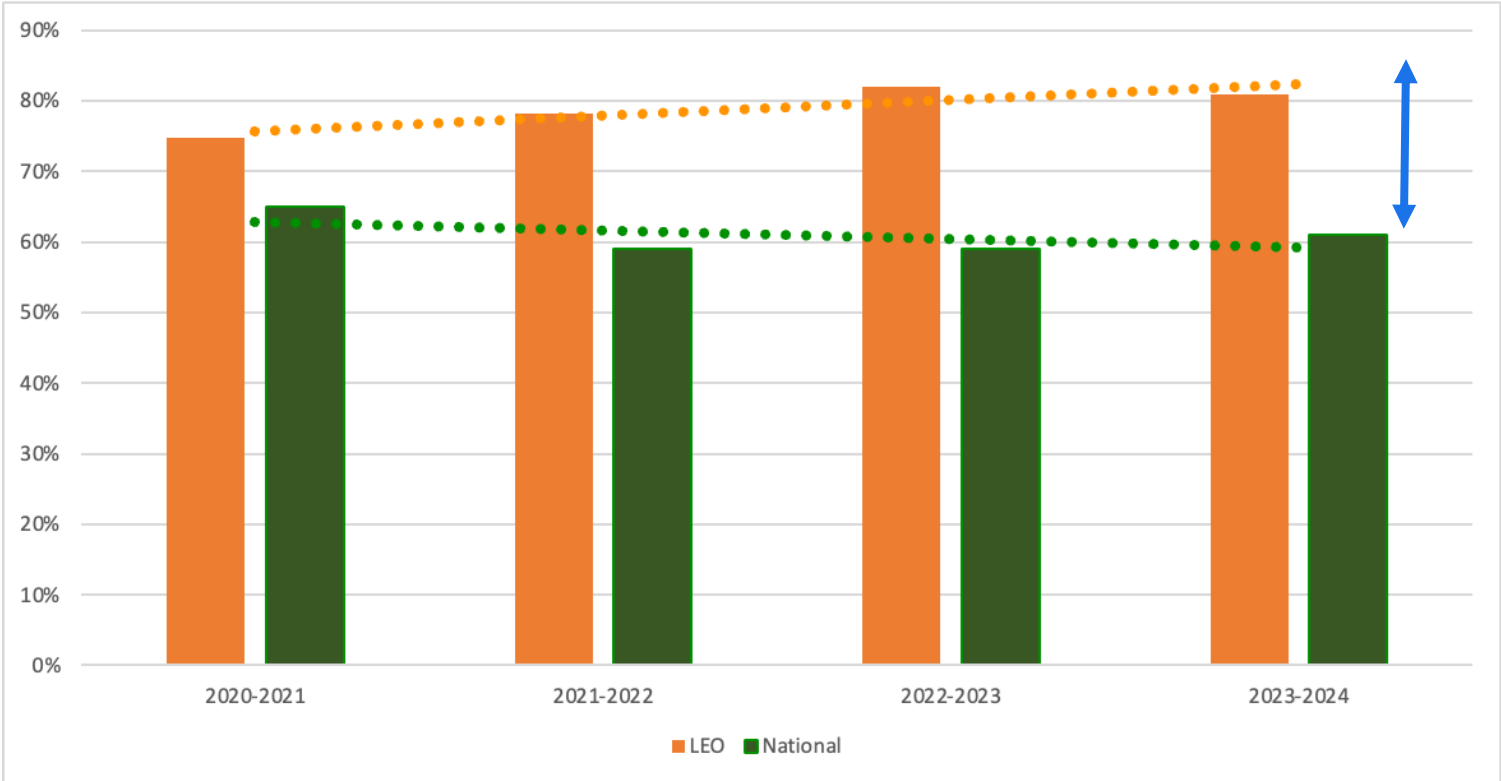
(**Pedagogy** as pivot)

Same picture. **Subtle shift.** Significant impact.

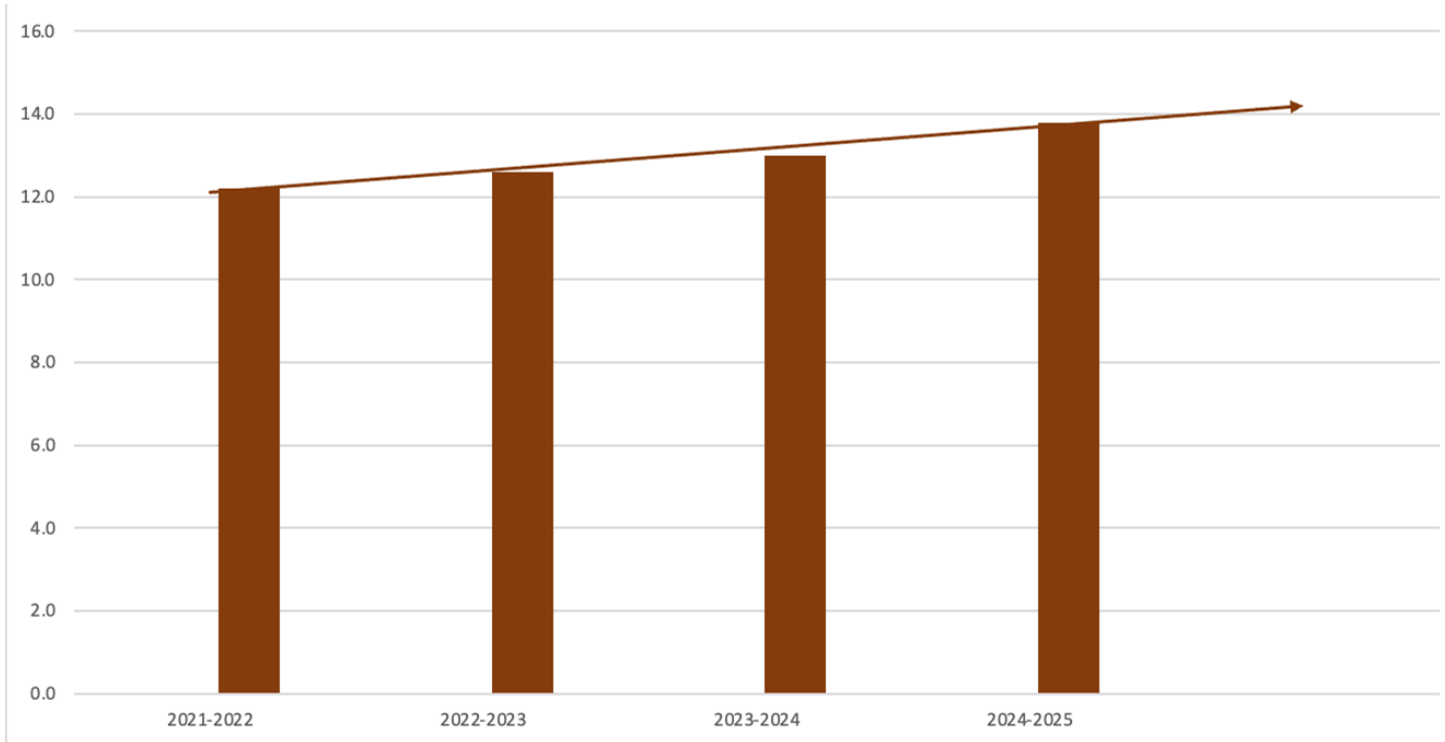
The image features a white background with decorative elements in the corners. In the top-right and bottom-left corners, there are overlapping teal circles and dashed teal lines. The central text is "What is the **impact**?", where "impact" is in a bold teal font and the rest is in a dark grey font.

What is the **impact**?

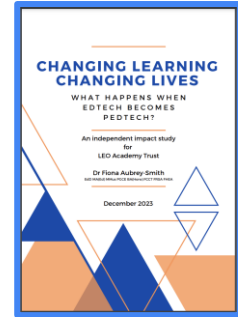
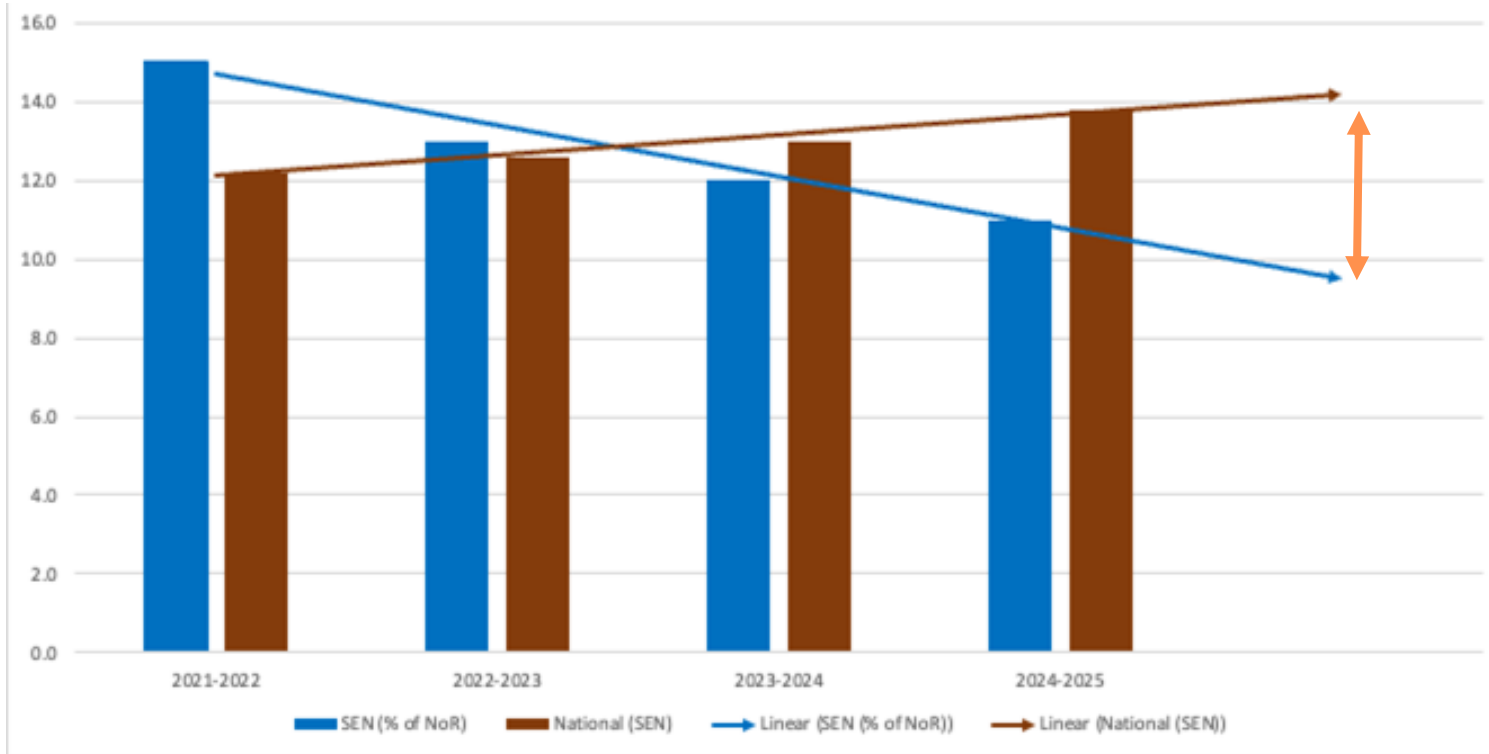
# Attainment: LEO Academy Trust v National Averages



# rising levels of need coming into school...



# Despite rising levels of need coming into school...





“**GDS** more than triple national average”



“10-13 months **additional progress** in-year”



“**Writing** outcomes outperforming national **growing** from 10-16%”



“**Disadvantaged** children outperform other children.”



“Teacher workload **reduced** by 20 mins per lesson”



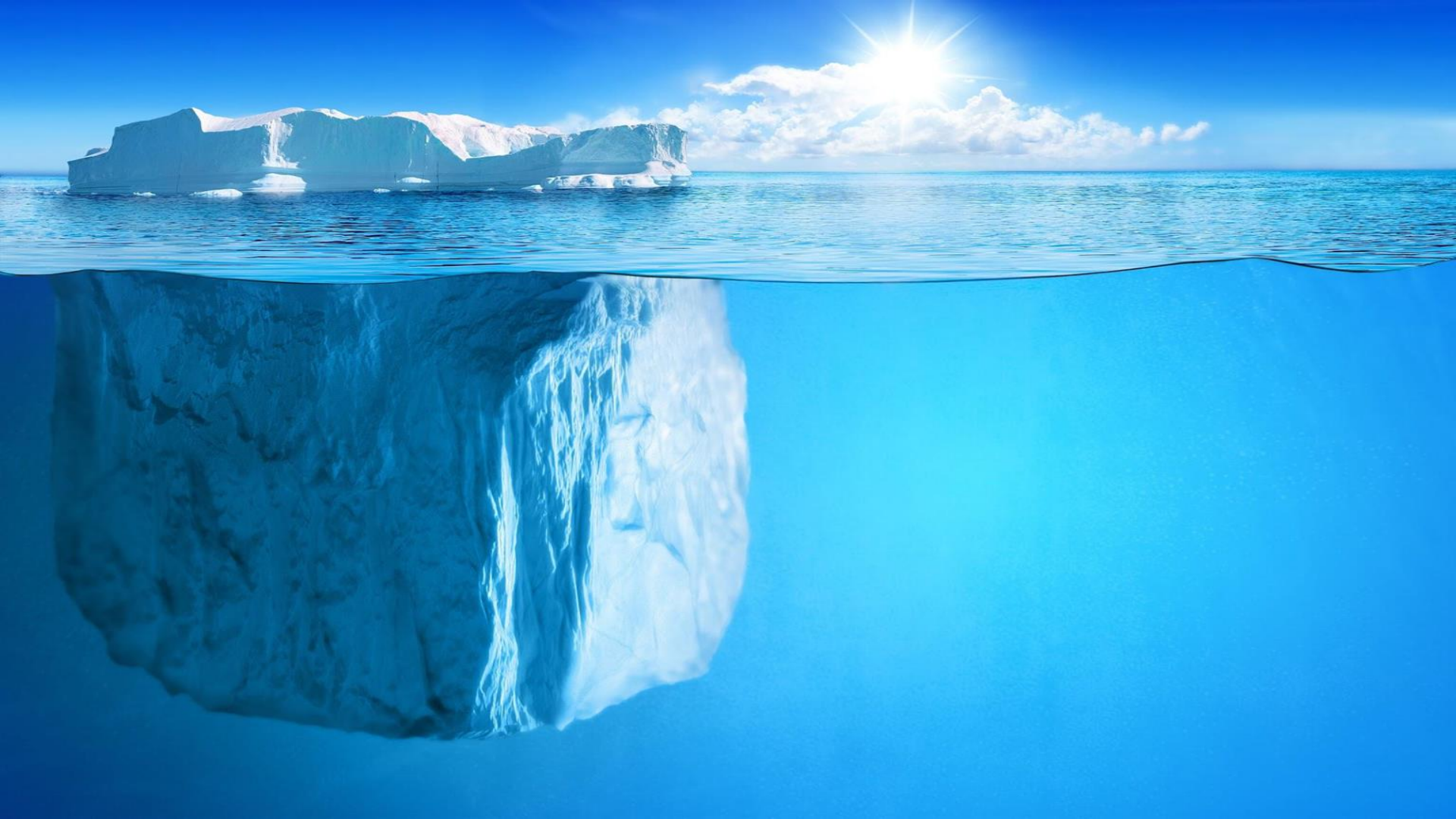
“**Attendance** has gone up. **Behaviour** issues have gone down.”



“**Staff Satisfaction** 20% above national averages.”



“**Net mobility** less than 10% of regional average”

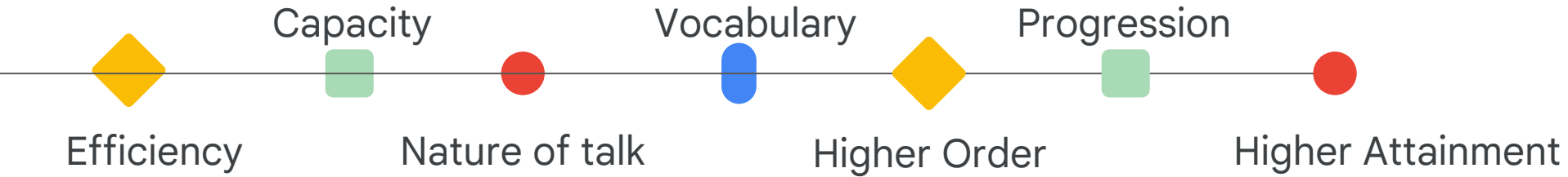


# Digitising traditional learning tasks



increased capacity for learning by **23%**

# Ripples of digitisation



**Metacognition & Metacontextual knowledge**  
(Human Intelligence in an AI infused landscape)

3

To what extent is children's learning  
being  
**defined**  
by the capacity of their teacher?

“If I **can** do it myself  
then I just want to  
**get on** with it.”



# Closing Tip

The slide features a white background with decorative teal elements. In the top right and bottom left corners, there are overlapping circles, some with solid teal outlines and others with dashed teal outlines. A thick, textured teal brushstroke underline is positioned directly beneath the text 'Closing Tip'.

**Ban 'screentime'**

**Ban 'devices'**

**Ban 'AI'**

# Be more specific!



**Passive** (stare & move)



**Active** (sense & react)



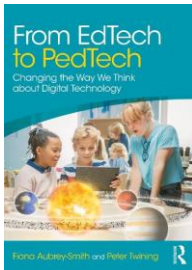
**Metacognitive** (think & enact)

# 3 Takeaways

1

## Beliefs

Reflect on your **embedded beliefs** - how might these impact the decisions you make?



2

## Focus

Identify what you spend most time discussing:

- practices (**what?**)
- strategies (**how?**)
- beliefs (**why?**)



3

## Align

Is your community *actually experiencing* and **internalising** the things you intend?



The digital divide is no longer just about access

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It's now also a direct reflection of the choices **we** each make

Your work is helping to lead the global shift



From **#EdTech** to **#PedTech**

# Thank you



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