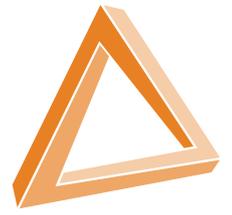
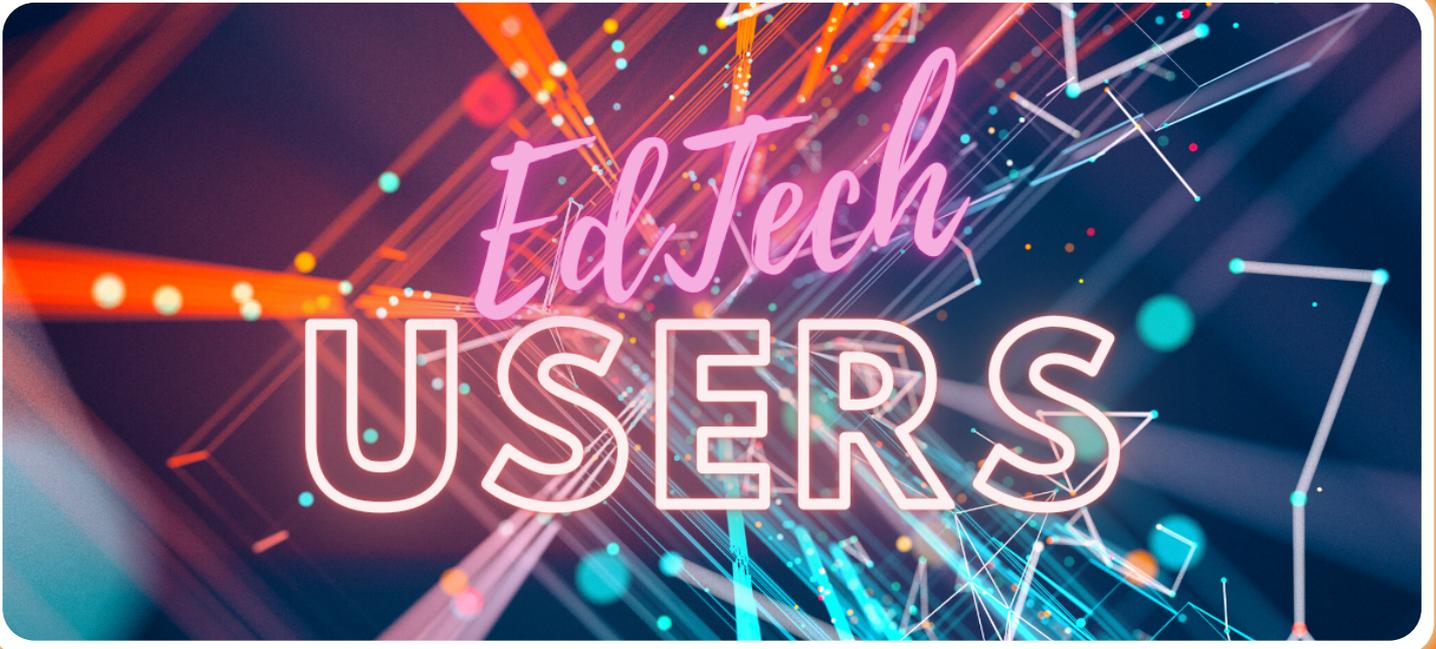


Evidence-Based EdTech Diagnostic



Basic Recommendations



Evidence in EdTech

To find out how you can benefit from examining your EdTech through a 'research and evidence mindset', contact our Accelerator Team at hello@educateventures.com

- Evidence of the **impact** of EdTech on teaching and learning is often at the forefront of **demands**, particularly from those who dictate the **funding** available to pay for technology within education. As has been shown in numerous **meta-level investigations**, (see for instance Cox et al., 2003), evaluation of the impact is a **challenge**. This is magnified when evaluating **emerging innovative technologies**
- **Pedagogical change** is at the core of these technologies, both because their design evolves over **time**, but also, arguably, their *raison d'être* is to **transform the learners' experience** (Cukurova & Luckin, 2018)
- The increased challenge is at least partially due to the **unwritten expectation** that, in traditional impact evaluations, evidence regarding the impact of an intervention is considered as a **shield against change**. The generation of **scientifically robust evidence** can be used by stakeholders, such as policymakers, for an educational intervention's **standardisation** and **scaling**

- **Change** is the essence of emerging technologies, though. Three years after an original report reviewing emerging technology innovations in education (Luckin et al., 2012), there was evidence that only **39 of the 150 innovations** (26%) were still in active use. Therefore, in the context of emerging technologies, more **value** is to be found in the careful consideration of different **types** and **sources** of evidence that are appropriate to the **current state of the technology** as well as in the use of **robust research methods** to generate **new evidence**
- This requires an **evidence-informed decision-making process** for the **design and use of EdTech**, rather than only considering evidence as the **outcome of the evaluation**
- Taking into account the peculiarities of the **local context**, the accumulated experience and judgment of **educators**, and the perspectives and values of **users**, and combining these three with the fourth source, **the best available research evidence**, can provide a more productive way forward in the attempt to bring evidence into **educational practice**

- Excerpt from '[Evidence & the Golden Triangle of EdTech, \(EDUCATE, 2021\)](#)' by Professors Cukurova, Luckin, Clark-Wilson

Who can help me?

We are specialists in educational research and evidence-based technological development for schools and education and training businesses - contact our team for help

The EDUCATE Programme promotes **excellence** in the EdTech community by providing **training** and **mentoring** to support and promote the use of **evidence-informed EdTech**. Our research-focussed programme, based on the **Golden Triangle**, bridges the gaps between **EdTech designers** and **developers, researchers in education and EdTech**, and **users**, to ensure that EdTech products live up to their **promises**.

To find out how you can benefit from examining your school or business through a '**research and evidence mindset**', and focussing on '**what works**', contact the **Accelerator Team** at EDUCATE Ventures Research today:

hello@educateventures.com

Thanks for reading!

- The EDUCATE Ventures Research Team
Summer 2022

Further Reading

Below you can find a selection of resources, books, podcasts, webinars, and research papers appropriate to your stage of EdTech use. Good luck!

What is EdTech?

- [Wikipedia: Educational Technology](#)
- Educational technology (commonly abbreviated as edutech, or edtech) is the combined use of computer hardware, software, and educational theory and practice to facilitate learning. When referred to with its abbreviation, edtech, it is often referring to the industry of companies that create educational technology
- [Holon IQ: EdTech in 10 Charts](#)
- Everything you need to know about the global EdTech market in 10 charts
- [Promethean: the State of Technology in Education 2021/2022](#)
- After a period of reactivity and a steep learning curve, educators finally had a moment to catch their breath in 2021. The result? A genuinely holistic approach, one that champions the benefits of edtech: personalisation, engagement and interactivity. One that's ready to react at short notice. And one entirely underpinned by class-based pedagogy and, most importantly, pupil wellbeing

EdTech in Schools

- [The EdTech Podcast: Digital Strategy in Schools](#)
- In the above episode, host Sophie Bailey talks to Al Kingsley, author of My Secret Edtech Diary, MAT Leader and Edtech CEO. They discuss essential questions you should be asking around EdTech, practical considerations for funding and implementing EdTech, and how to create change through informal and formal channels, without

doing it all yourself

- [Global EdTech: EdTech in 2021](#)
- The picture of EdTech's penetration in schools and homes in 2021, in the middle of the Covid Pandemic, delivered by the founder of EDUCATE
- [CPE RewirED Talks: Technology in Education Reform](#)
- As part of the lead-up to the RewirEd summit in December, Cambridge Partnership for Education is hosting a RewirEd Talk, a pre-recorded online panel discussion on the topic of Technology in education reform

Evidence & Data from EdTech in Schools

- [EVR: AI Readiness Diagnostic: Step 4 - Collect: Basic Recommendations](#)
- 'Data collection needs to be designed carefully and must complement that data which is already available.' Although this recommendation is from the AI Readiness Diagnostic, the principles laid out here, including ethics and further considerations, are a useful set of instructions for thinking about data capture, especially in an educational setting
- [LSE: EdTech in Schools - a Threat to Privacy?](#)
- Velislava Hillman, a visiting fellow at the LSE, argues that it is essential to consider the implications of the increasing use of technology within schools, along with the motivations of EdTech companies
- [Digital Promise: EdTech Pilot Framework](#)
- The Edtech Pilot Framework provides a step-by-step process to help education leaders and technology developers run successful educational technology pilots

