



UK Education Solutions & Technology (UKEST) Understanding and Mitigating Covid-19 Learning Loss

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Whizz Education: A global education partner accountable for learning outcomes



6

Continents



7,000+

Schools
benefitted



1,000,000+

Students
tutored

“

We believe that every child deserves a learning experience that caters to their individual needs and pace of learning

... and that ...

localised solutions, designed in partnership with education stakeholders, are essential to overcoming barriers and delivering learning outcomes.

”

The challenge facing every teacher

Over the last 16 years, before Covid-19, we have observed consistent evidence of a multi-year ability gap between the highest and lowest performing students



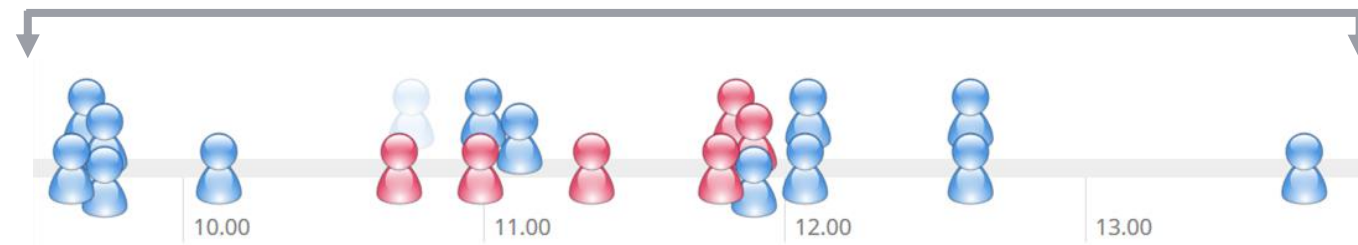
4-Year Ability Gap:

Classrooms around the world have a typical math ability range of 4 years

Teachers cannot *consistently* meet each child's individual learning needs in a traditional classroom

Students develop learning gaps in their understanding, loss in confidence, results and potential

The 4-Year Gap Math Age distribution within a typical class



Parents

“Are my child’s specific learning needs being met?”



Schools

“How do you deliver differentiated learning to an entire class?”



Ministries

“How to meet policy on lost potential and competitiveness?”

Are we facing a lost generation?

Headlines across the globe describe severe learning loss and long recovery times due to disruption of learning for 1.6BN students



Research Shows Students Falling Months Behind During Virus Disruptions

The abrupt switch to remote learning wiped out academic gains for many students in America, and widened racial and economic gaps. Catching up in the fall won't be easy.



News COVID generation faces 'dark age' of low social mobility

Public Sector Practice

COVID-19 and student learning in the United States: The hurt could last a lifetime

New evidence shows that the shutdowns caused by COVID-19 could exacerbate existing achievement gaps.

by Emma Dorn, Bryan Hancock, Jimmy Sarakatsannis, and Ellen Viruleg



BROOKINGS

A photograph of an empty classroom with rows of blue plastic chairs and wooden desks. The room is brightly lit, and the perspective is from the front of the room looking down the aisles.

FUTURE DEVELOPMENT

Learning losses due to COVID-19 could add up to \$10 trillion

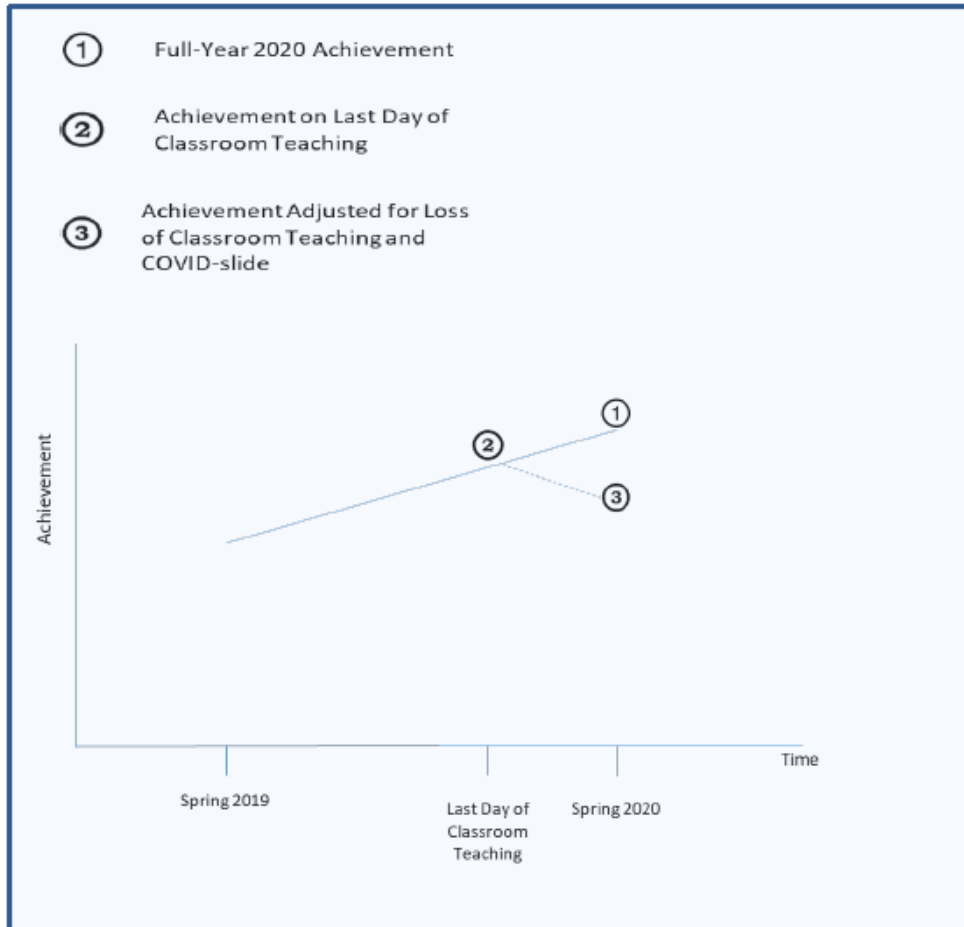
Joao Pedro Azevedo, Amer Hasan, Koen Geven, Diana Goldemberg, and Syedah Aroob Iqbal · Thursday, July 30, 2020

Global forecasts indicate a baseline for learning loss

Major econometric models are largely consistent in the magnitude of learning loss that they forecast and are confirmed by recent Whizz Education data



Figure 1: Schematic of CREDO Simulations of Student Achievement Scores



World Bank

Simulating the potential impacts of COVID-19 School Closures on Schooling and Learning Outcomes: A Set of Global Estimates

Forecast learning loss: 7-11 months of lost learning¹

McKinsey & Company

COVID-19 and Student Learning in the United States: The Hurt Could Last a Lifetime

Forecast learning loss: 7-11 months of lost learning²

CREDO/ NWEA

Estimates of Learning Loss in the 2019-20 School Year

Forecast learning loss: 7-12 months of lost learning³

Whizz Education

Measuring the impact of school closures on students' learning in mathematics

Confirmed learning loss: 8 months of lost learning since Mar 31

Recovery will stall without 'catch up' interventions

International research suggests that school systems that do not invest in supplemental instruction are likely to take twice as long to recover



Source: UNESCO Institute for Statistics. Note vertical axis is truncated

Delivering learning gains at scale and recovering education

Whizz Education takes a holistic approach to education - we tailor solutions that are responsive to our partners' specific needs and context to recover education and deliver learning gains at scale.



Areas of Expertise:

- Education program design
- Virtual Tutoring at scale
- Curriculum and context alignment
- Differentiating diagnostic assessment
- Scaffolded learning
- Course correction

Services included:

- Contextual strategic analysis
- Implementation & roll out of Maths-Whizz Suite
- Teacher training (ICT and CPD)
- Data monitoring, Insight gathering
- Impact evaluation
- Live Whizz Assist Support (24/7)

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Maths-Whizz Suite comprising:

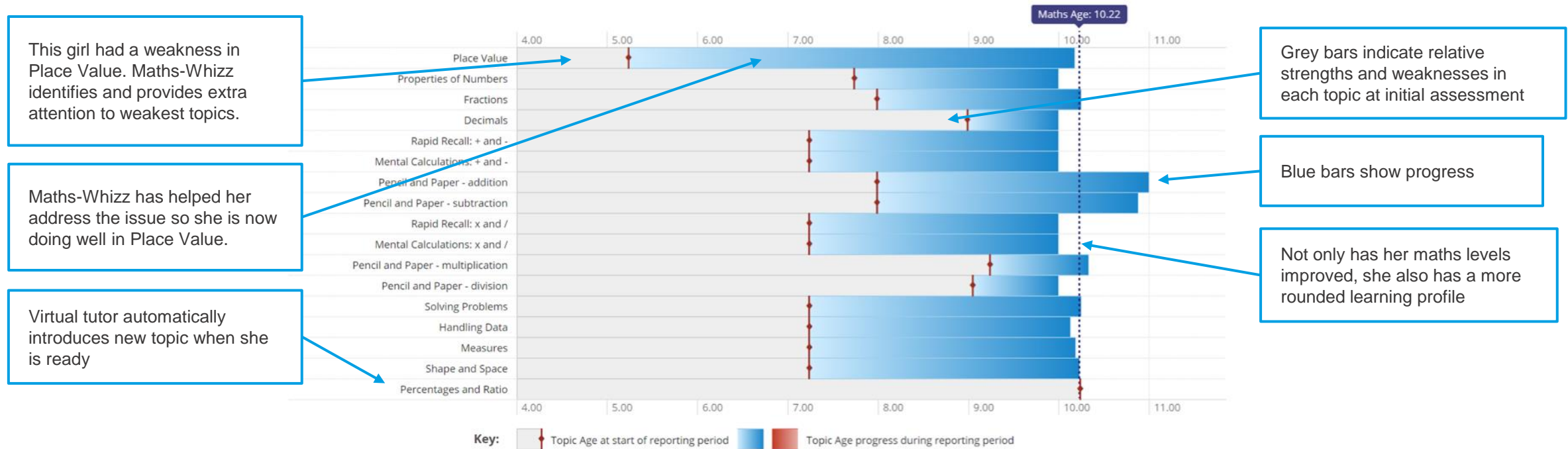
- Maths-Whizz Tutor delivering targeted lessons
- Assessment and Reporting
- Digital library of, curriculum aligned, Teachers Resources (1250+ animated/gamified lessons)
- Parental portal

Accelerated learning is essential for recovery

Whizz Education's holistic approach deploys virtual tutoring as a key pillar in accelerating learning. A guaranteed way to address each child's unique needs and learning profile, and ensure sustained learning gains.



How can we continually identify these needs and adapt and cater to their unique learning journey to mitigate learning loss?



Students who access the Maths-Whizz tutor for 60 minutes a week, improve their “Math Age” by, on average, 18 months in their first year of usage.

Who we partner with



Working together to achieve mitigate learning loss and deliver learning gains at scale



Schools/Districts/Ministries of Education

We work with stakeholders to design and implement ICT in education programmes aligned to partner and policy objectives, creating sustainable and systemic change



Private and NGO Sector

We collaborate with the private sector, local community stakeholders and country partners, NGOs and charities, infrastructure and curriculum partners and teacher training organisations



Donors and Funders

We offer a ground-breaking approach to meeting targets on SDG 4 by delivering ICT-enabled individualized learning (experience working with World Bank and DfID)



Academia

We partner with educational institutions to further the frontiers of virtual tuition



**Whizz Education enables communities
around the world to reach their full
potential through individualised learning**