Advancing Digital Equity to Support Powerful Learning

January 11, 2022

Moderator

Jean-Claude Brizard
President and CEO,
Digital Promise

Panelists

Michael Calabrese
Director Wireless Futures
Project, New Americas Open
Technology Institute

Kristine Gilbert Ed.D.
Superintendent
D.C. Everest Area School District

Nathan L Fisher Ed.D.
Superintendent
Roselle Public Schools

Panelists

Christopher Rush
Senior Advisor to the Secretary for Innovation and Director of Education Technology U.S. Department of Education

D'Andre Weaver, Ph.D.
Chief Digital Equity Officer
Digital Promise

Closing the Digital Learning Gap
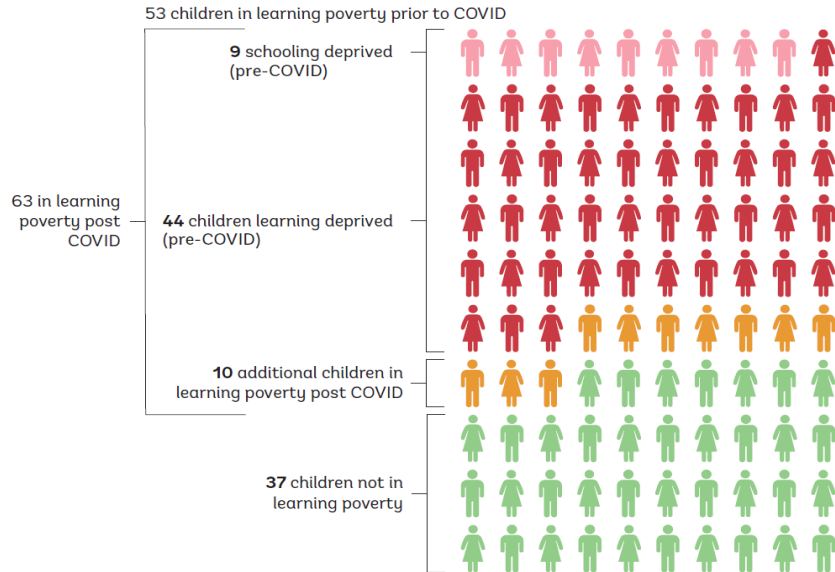
Continuing the Dialogue

Jan 2022

Largest Global Crisis in Education in the Last Century

Initial simulations suggest that COVID-19 school closures will increase learning poverty by 10 percentage points

For 100 children in **Low- and Middle-income countries**

53 children in learning poverty prior to COVID

9 schooling deprived (pre-COVID)

63 in learning poverty post COVID

44 children learning deprived (pre-COVID)

10 additional children in learning poverty post COVID

37 children not in learning poverty

- Up to 10 million children might not return to school

- Sub-optimal learning environments, growing impact of the digital divide

- Mental health challenges due to isolation and lack of socialization

- This generation might lose US$10T in foregone earnings

- Potential large increases in inequality: 3 out of 4 students who cannot be reached by remote learning come from rural areas and/or poor households
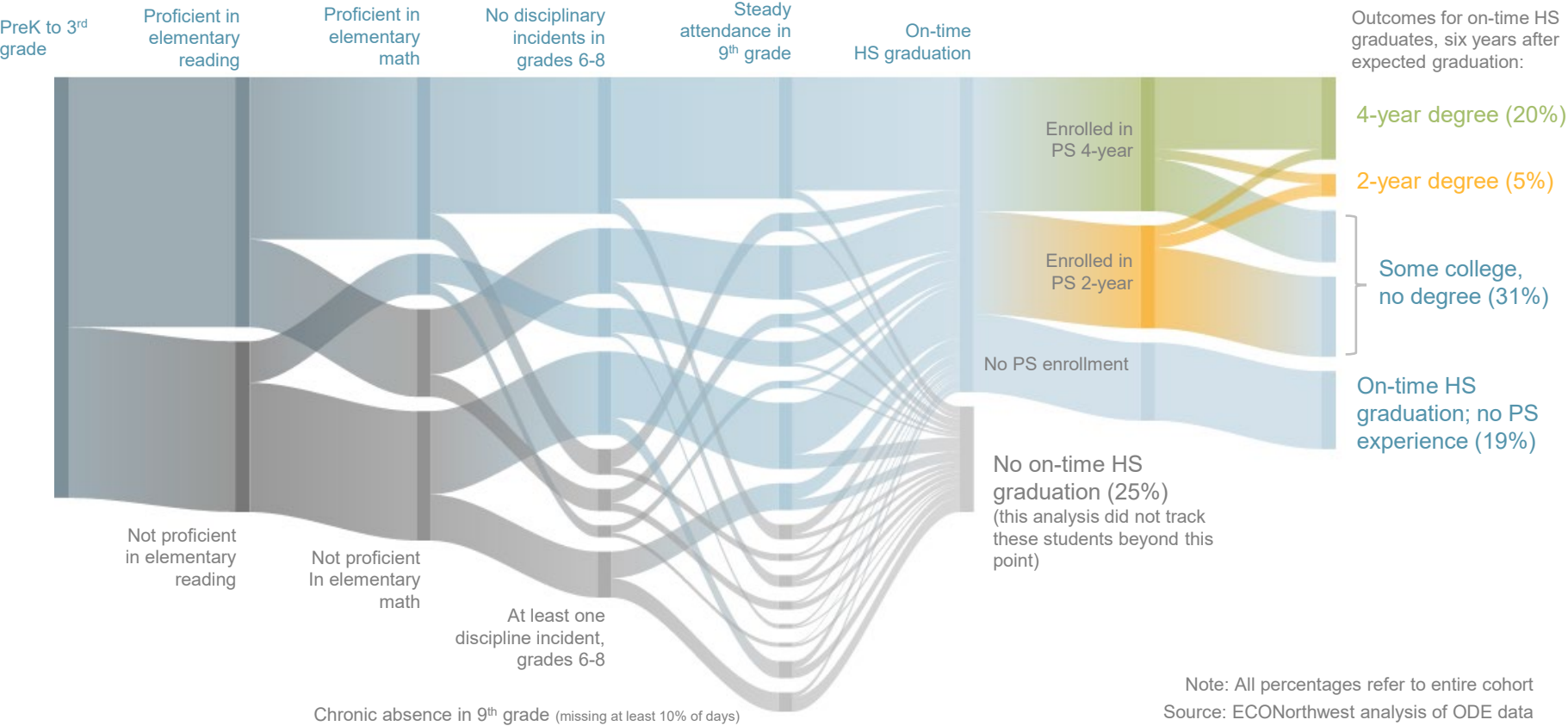
But...we have a pre-pandemic global education challenge

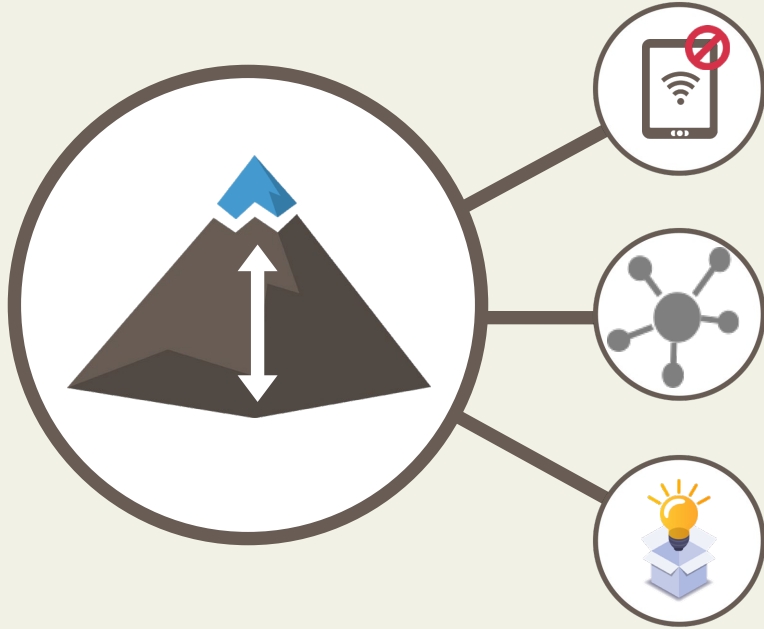"Globally, By 2030, 825 million children will reach adulthood without basic secondary-level skills."

"These figures do not even account for the range of skills and competencies (*ability to manipulate knowledge and information, think critically, and collaboratively solve problems*) needed to thrive today in work, citizenship, and life."

- Rebecca Winthrop's <u>Leapfrogging Inequality: Remaking Education to Help Young People Thrive</u>

P-16 STUDENT PATHWAYS: ALL STUDENTS – STATE IN THE US

Last updated: January 10, 2022

We Need to Close the Digital Learning Gap

1. Gaps in access

2. Gaps in participation

3. Gaps in powerful use

Why We Need to Close to The Digital Learning Gap

- In the last 50 years, progress in digital technologies has transformed the global economy, jobs, and the ways we do our work.

- We know that the skills needed to succeed in today's postsecondary environment and workforce include computational thinking skills such as pattern recognition, abstraction, and decomposition, applied to solve complex problems using practices such as automation, data practices, or computational modeling.

- We also know that non-academic skills such as collaboration, communication, self-efficacy, and agency are as important in determining a student's short- and long-term success.

Panel Discussion

Questions

Upcoming GLR Learning Tuesdays Webinars:

LEARNING LOSS RECOVERY CHALLENGE
The Hurt Could Last a Lifetime: Data, Growing Gaps & Rays of Hope
Tuesday, January 18, 12:30−2 p.m. ET/9:30−11 a.m. PT

LEARNING LOSS RECOVERY CHALLENGE
How States and Communities are Maximizing American Rescue Plan Funding for Kids in 2022 and Beyond. Hosted and Co-Sponsored by the Children's Funding Project
Tuesday, January 18, 3-4 p.m. ET/12:00−1:30 p.m. PT

LEARNING LOSS RECOVERY CHALLENGE
Families on Shaky Ground: Uncloaking & Addressing the Realities of Persistent Instability
Tuesday, January 25, 3-4:30p.m. ET/12:00−1:30 p.m. PT

GLR
Learning
Tuesdays

The Campaign for
GRADE-LEVEL
READING