

Education insights and trends

Present observations and future projections to drive change

Smarter
technology
for all

Lenovo



The student experience has dramatically shifted.

1.37 billion students worldwide were learning from home in March 2020.

With closures affecting at least **55.1 million students** in **124,000** U.S. public and private schools, parents became bi-vocational overnight—working their “day job” and as their kids’ teacher.¹

In April, Microsoft reports school districts and universities around the world move rapidly into remote learning environments, with Microsoft Teams being used in **175 countries** by **183,000 education institutions**.²



Remote learning comes with significant impacts.

Online learning requires **40-60% less time to learn** than in a traditional classroom setting because students can learn at their own pace, going back and re-reading, skipping, or accelerating through concepts as they choose.³

Some research shows that on average, students retain **25-60% more material** when learning online compared to only **8-10% in a classroom**. This is mostly due to the students being able to learn faster online.⁴

Online course experience has not been engaging, resulting in over **77% of surveyed students** having difficulty adjusting to online learning.⁵



Tech investments will pave the way for student success.

20% of educational systems report a focus on optimizing operations through cost reduction. Today’s innovative technology is enabling schools to remain agile amid the changing learning landscape, so these budgets must remain intact to support distance learning.

Supporting and training teachers is more important than ever. A survey of teachers in **60 countries** found that **60%** of them said they were not prepared for online learning.⁶

Education systems need to invest more in security to protect remote students and staff. Since COVID-19, the FBI has seen a **300% increase in cybercrime**.

(1) <https://www.edweek.org/ew/section/multimedia/map-coronavirus-and-school-closures.html> (2) https://educationblog.microsoft.com/en-us/2020/04/celebrating-the-heroes-of-remote-learning/#_ftn1 (3) <https://www.weforum.org/agenda/2020/04/coronavirus-education-global-covid19-online-digital-learning/> (4) <https://www.weforum.org/agenda/2020/04/coronavirus-education-global-covid19-online-digital-learning/> (5) <https://philonedtech.com/results-from-top-hats-covid-19-student-survey-about-online-learning/> (Top Hat) (6) <https://educationblog.microsoft.com/en-us/2020/05/disrupting-the-education-paradigm/>

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