What we’re learning about edtech

Missing opportunities amidst a grand experiment

Michael B. Horn, Distinguished Fellow, Christensen Institute  |  Twitter: @michaelbhorn
Primary source of curricular materials

Online sources of curriculum rank third in usage

- Materials I develop: 46%
- Classroom-based commercial curriculum: 21%
- Online sources: 19%
- Developed by others in the district: 9%
- Remote commercial curriculum: 3%
- Open source curriculum: 1%
- Other: 1%

SOURCE: Christensen Institute, 2020 survey of teachers
Recreating the school day
Proportion of teachers whose daily hours resemble school day

42%

Source: Christensen Institute, Survey of Teachers, 2020
Teachers discovering new tools
Liking what they saw—and will continue to use it

79%

Source: Christensen Institute, Survey of Teachers, 2020
Districts offering virtual school option

Experts predict that this trend will persist

27% → 69%

Source: Christensen Institute, Survey of Teachers, 2020
Why edtech?
The power of a tutor
Prohibitively expensive for every student
Benefits of active learning
Mastery-based learning
Learning is fixed and time is variable

Offer learning experiences to students

Testing & assessment

Receive real-time or interactive feedback

Progress to next body of material

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Boost engagement
Harness student motivation to learn
A focus on learning:
The hope for digital
2 other missed opportunities in this moment
1) “Filming plays”
2) Human capital mismanagement
The rise of K–12 blended learning

Definition of blended learning

A formal education program in which a student learns at least in part through **online learning**, with some element of student control over time, place, path and/or pace

at least in part in a **supervised brick-and-mortar location away from home** (such as school).

The modalities along each student’s learning path within a course or subject are connected to provide an integrated learning experience.
Blended learning is not...
Benefits of online and blended learning

Personalization through modularity
Emerging models of blended learning

**BRICK-AND-MORTAR**

**ONLINE LEARNING**

**BLEND LEARNING**

1. Rotation model
   - Station Rotation
   - Lab Rotation
   - Flipped Classroom
   - Individual Rotation

2. Flex model

3. A La Carte model

4. Enriched Virtual model
Enriched Virtual model

Home

Online instruction and content

School

Face-to-face supplementation

Online learning

Offline learning

Teacher
Flipped Classroom model
Station Rotation model

Online instruction

Collaborative activities and stations

Teacher-led instruction

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Station Rotation model
Station Rotation model
Individual Rotation model
Individual Rotation model
Flex model

Study and collaborative space

Breakout room
5:1

Breakout room
12:1

Collaboration rooms

Social area

Science lab

Breakout room
12:1
Flex model
2. Online learning is a team sport... and K-12 online learning is much better with in-person adults
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