



# Covid Recovery and the New Generation of Student Learners

## How to Escalate Skill Growth and Prepare for a Powerful School Year Ahead

A new national study of K-12 student achievement conducted by Istation found that COVID-19 school closures have contributed to as much as two months of learning loss in reading and four to five months of learning loss in math. This is in addition to the regular one to two months of loss students usually experience during the summer months.

The study examined a nationally representative random sample of data from students using Istation's Indicators of Progress (ISIP™) Reading and Math assessments. It compared the achievement differences of nearly 112,000 students in reading and math between fall 2019 and fall 2020. This study was also based on socioeconomic status.

The losses were most significant in math and became more pronounced at higher grade levels. Second graders, for example, saw one month of learning loss in math, third graders saw two months, and fourth graders saw five months of loss.

Further data showed that students using Istation for remote learning in April and May of 2020 had higher scores in reading by September 2020 than those who did not use Istation. Additionally, students in high-poverty schools were able to narrow the literacy achievement gap by using Istation for remote learning.

Victoria Locke, PhD, a lead researcher for the study, said the long-term implications of the COVID-19 learning loss will become clearer over time.

"Our research will continue to monitor how this learning loss is affecting students in the future. But it could be



that this is a generation of students that will perform differently," Locke said.

### **Narrowing Gaps with Progress Monitoring and Extended Learning**

When asked how schools and districts can make up for these losses, Locke emphasized the importance of data-informed instructional time.

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"It is vital that we get students back for in-person learning," she said. "Once we do that,

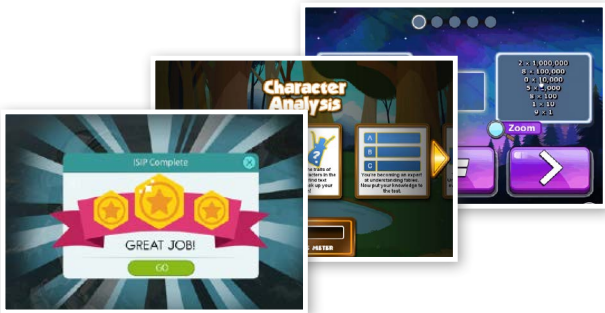
it will also be crucial that teachers conduct consistent progress monitoring to understand where students are academically. From there, district leaders may need to find ways to add instructional time — by extending the school day or school year or allowing for more students in summer school. Our research shows that education technology plays a role in maintaining learning gains."

"These are ideas that are challenging and could be expensive to implement, but if we don't do something bold, we could have a generation of students who are permanently behind academically."

*To learn more about this study and the results, [access the research here.](#)*

## Extend Learning with Istation's Powerful Blended Learning

Whether students are learning at school or from a distance, Istation's research-based, computer-adaptive instruction and interventions for reading, math, and Spanish literacy are perfect for any extended learning plan.



▲ *Istation is game-like, personalized and engaging, giving students more ownership over their learning!*

Aligned to individual state standards and Common Core State Standards, Istation's assessment and progress monitoring tools help teachers determine next steps, plan interventions, and differentiate instruction. Support for English-language instruction and special education is provided with on-demand data from formative assessments, recommended teacher-directed lessons, and more.

- Districts and campuses can subscribe to the computer-adaptive Istation's Indicators of Progress (ISIP™) assessment for access to home-based progress monitoring assessments, online reports, and interactive lessons.
- Teachers can deliver one-on-one or whole-group lessons with Istation's recommended teacher-directed lessons plus bonus lessons in the searchable teacher resources library.
- Get customized professional development with virtual coaches.



◀ *Students can track goals and earn rewards with Istation's enhanced Power Path student experience.*

## Istation's Extended Learning Growth Plan



**Get two data points in just six days! See Istation's sample extended learning plan.**

<b>Day 1</b>	<ul style="list-style-type: none"> <li>• online instruction (30 minutes)</li> <li>• on-demand assessment – comprehension</li> </ul>
<b>Day 2</b>	<ul style="list-style-type: none"> <li>• online instruction (30 minutes)</li> <li>• on-demand assessment – comprehension</li> </ul>
<b>Day 3</b>	<ul style="list-style-type: none"> <li>• on-demand assessment – comprehension</li> <li>• online instruction (30 minutes)</li> <li>• on-demand assessment – word analysis</li> </ul>
<b>Day 4</b>	<ul style="list-style-type: none"> <li>• on-demand assessment – word analysis</li> <li>• online instruction (30 minutes)</li> <li>• on-demand assessment – vocab</li> </ul>
<b>Day 5</b>	<ul style="list-style-type: none"> <li>• on-demand assessment – vocabulary</li> <li>• online instruction (30 minutes)</li> <li>• on-demand assessment – text fluency</li> </ul>
<b>Day 6</b>	<ul style="list-style-type: none"> <li>• on-demand assessment – text fluency</li> <li>• specific individualized instruction using Priority Report cycles</li> <li>• instruction based on assessment data</li> </ul>

**Explore More**