



Case Studies

**Our work with an Online
School**

COGx translated learning science into 4 evidence-based programs that improve teaching and learning. This case study focuses on Developing Sophisticated Learners, professional development for educators.



“ This program gave great insight to the science behind the learning. It really made me think about teaching students HOW to learn and to push them to be aware of IF they are really learning.

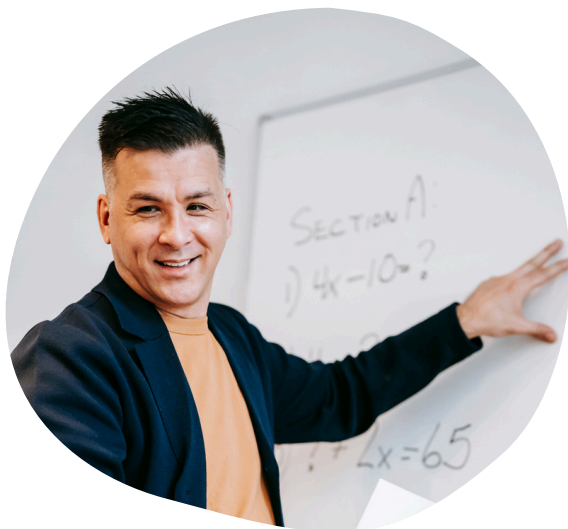
Educator

”

Our Work

COGx was fortunate to work with one of the world's leading online learning providers. It was our pleasure to provide the professional development needed to accomplish their goal of applying the Science of Learning, a body of research on how people learn from cognitive science, to their online classes.

Early on, COGx met with school representatives to understand the school's culture, unique structure, and mission. During this time, we made explicit connections between their priorities and the Science of Learning.



I wish I had had this information 38 years ago when I started teaching.

Educator





What made this implementation unique?



PLC model

We learned that the school had an already established, successful PLC model (professional learning community). We recommended utilizing this established system to facilitate the synchronous components of the program. This worked well as faculty were already comfortable working in a similar format.



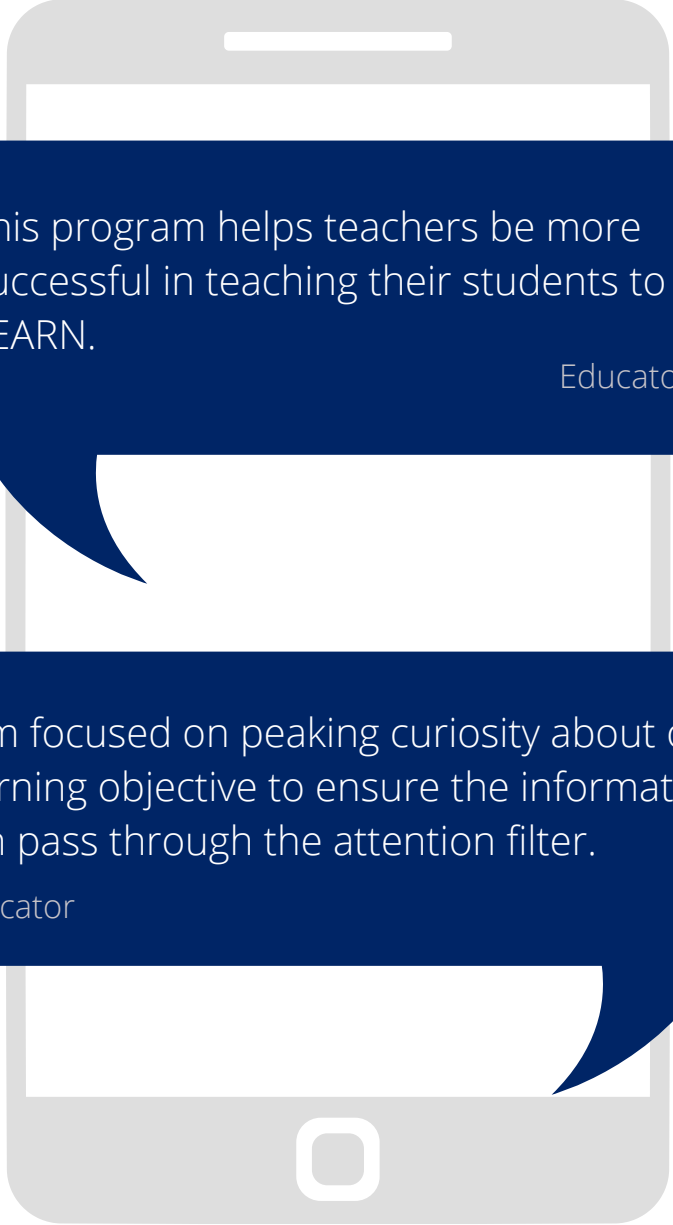
Virtual classroom setting

Similarly, we suggested programmatic adjustments to accommodate the virtual classroom setting.



Faculty liaison

Given the collaborative nature of our programs, we altered the Application Hours to focus on relationships and incorporate a faculty liaison. Application Hours are Zoom training during which educators are supported in applying the research to classroom practice with an educator who has experience doing so. This program design contributed to a 100% completion rate.



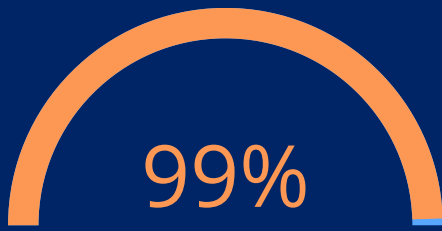
This program helps teachers be more successful in teaching their students to LEARN.

Educator

I am focused on peaking curiosity about our learning objective to ensure the information can pass through the attention filter.

Educator

Our Impact



Educators self-reported an increase in mastery for 100% of the program's learning objectives.



I can now teach my students the science of learning. They understand that these skills and strategies are enhance their growth.

Educator



Educators agreed or strongly agreed that the modules provided valuable insights that would support student learning outcomes.



educators agreed or strongly agreed with self-reported mastery of the learning objectives.



educators agreed or strongly agreed that they would recommend the modules to other educators.

Furthermore, teachers shared the following testimonials



Now that I understand the importance of teaching and practicing memory techniques, and how they are effective in the success of the learning process, I will incorporate more of the memory strategies like association, visualization and the method of loci.



I had never thought about metacognition. I think if teachers understand it then we can be much more proactive in teaching about it.



[Watch video testimonial](#)

Our Programs



Developing Sophisticated Learners...for Educators

This program consists of 12 self-led modules, which are complemented with synchronous group collaboration, assignments, and workshops to support educators. Partners may enroll staff at the discounted rate with a minimum of 25 educators per program.

Short Programs

We also offer shorter programs. These programs are derived from the Developing Sophisticated Learners curriculum. Each consists of 3-4 self-led modules. Partners may enroll staff at the discounted rate into any of the program below with a minimum of 25 educators per program.



Introduction to the Science of Learning



Processing Information: Foundation to Learning



Support Executive Function Skills



Teach for Mastery



Metacognition & Feedback



Teach for Belonging & Wellbeing



Address Cognitive Diversity

In-Person & Virtual PD Workshops: We also offer customized workshops for your community on the topics listed above. Organizations may select the topics of interest, duration, desired date, and format (in-person or virtual).

Our Programs



Becoming a Sophisticated Learner ...for Students

This program teaches students how the brain processes information and what behaviors promote optimal learning. It consists of 6 modules of active and collaborative learning. Each module is broken into 3 chapters which take approximately 20-50 minutes to complete. For a blended implementation, your educators receive a facilitator's guide that includes lesson plans and activities.



Distilling the Science of Learning ...for Leaders

This program equips school leaders with the tools to align instruction with learning science. School leaders gain a high-level understanding of how students learn and a toolbox of methods to support faculty. The program consists of 4 self-led modules which can be completed in approximately 4 hours. School leaders are invited to attend a Mission Mapping workshop and up to 1 hour of personalized consulting. School leaders are prepared to advocate for the Science of Learning in their community.

A partnership with COGx ensures programs are adopted with fidelity, promoting local ownership, scalability, and maximum impact.



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