



Case Studies

Our work with a Private 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, and *Becoming a Sophisticated Learner*, program for students.



This program emphasizes the importance of evidence-based approaches, and educators are encouraged to constantly think about their teaching methods in order to promote better results for their students.

Educator



Our Work

COGx was pleased to support a widely-known independent school during their expansion from a **PK-8 school** to a **PK-12 school**. Their growth presented a prime opportunity of training an entire high school community by the end of its first term on Science of Learning, a body of research on how people learn from cognitive science. In partnership with administration, COGx outlined an implementation plan tailored to bring the community together by establishing a shared knowledge and vocabulary of how learning does and does not happen.



I appreciated how the theory was presented in a manner that considered the realities of a classroom. I felt empowered to enhance my instruction to best fit my class rather than a strict implementation of new techniques/strategies.

Educator





What made this implementation unique?



Cross-disciplinary participation



Peer teaching



Third-party collaboration

An important aspect of this collaboration was the planning meetings. During these conversations, the school shared their hopes and dreams for the program including 1) building teacher/teacher, teacher/student, and student/student relationships and 2) alignment with other initiatives. As such, COGx proposed an implementation plan that included **multiple touch points between teachers and students about the Science of Learning.**

For example, students were paired up and tasked with taking turns teaching each other different topics. Further, teachers and students spent time on the Science of Learning during advisory and all school meetings. Lastly, **COGx opted to include other third party providers in the planning process.** The result of this partnership was a new high school community united in their understanding of how to teach and learn for mastery.



By teaching students cognitive strategies and fostering metacognition, I can equip my students with skills they will use for the rest of their lives. This approach will empower my students to be active participants of their learning process as well as foster independence and self-directed learning.

Educator



Our Impact



educators showed an increase in mastery of the program's learning objectives.



I will support the development of executive function skills and adjust routines.

Educator



Students' belief in their ability to achieve increased by 14% within the first two months.

Furthermore, educators shared how their instructional plans were shaped by the program:

I will incorporate **multimodal instruction and assessments** into lessons.

I will revise my use of **multimedia instruction**, think more about **dual coding**, and offer more **mini-lessons**.

I will teach students about how their **long-term memories** work and how to effectively **encode information**.

I will encourage an environment of **growth and challenge**, and engage my students in **deep/active thinking**.

I will create a culture where **mistakes are encouraged and celebrated**.

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.



www.cogx.info



info@cogx.info



[/COGx.info](https://www.facebook.com/COGx.info)



[/cogx_sol](https://www.instagram.com/cogx_sol)



[/COGx](https://www.linkedin.com/company/COGx)



[/COGxSoL](https://www.x.com/COGxSoL)