



Program Name:	Teach for Mastery
Duration:	10 hours
Cost:	\$135 pp

Description of the Program

Knowledge is the bedrock upon which transfer and 21st-century skills, such as creativity, critical thinking, collaboration, and communicating effectively, are built. Studies consistently reveal that students rely on ineffective techniques to learn. When they do succeed, they do so through surface-level learning which is fleeting and has a weak foundation. Conversely, when explicitly taught, encoding techniques and retrieval strategies foster knowledge that is durable, reliable, and flexible. Learn how to transcend rote memorization and promote transfer and deep understanding of concepts.

Learning Outcomes (What you will learn)

- The architecture of human memory and its importance to learning success.
- How to organize units and lessons to ensure students won't forget what you've taught.
- Commonly held illusions, misbeliefs, and memory myths that inhibit learning.
- 8 evidence-based memory techniques that help students encode information.
- 4 evidence-based retrieval strategies that foster deeper learning and mastery.
- Teaching strategies and methods to help students recall information including activation of prior knowledge and retrieval practice.

Program Elements (How you will learn it)

- Live Webinar (recording available)
- 18 Video micro-lessons from experts
- Group Discussions
- 13 Visuals and Graphic Organizers
- 5 Application Guides
- Ongoing self-checks and application of concepts
- Direct access to your Program Leader
- Opportunities to give and receive feedback from your peers
- Teaching practice reflection



COGx Online Professional Development

Science of Learning Series: Developing Sophisticated Learners

Guest Lecturers (Who you will learn from)



UCLA

Robert Bjork

Professor of Psychology, University of California

Affiliations: Learning and Forgetting Lab, UCLA

Areas of Expertise:
Human Learning and Memory, Implications of Science of Learning for Instruction

Education: PhD in Psychology, Stanford University



UCLA

Elizabeth Bjork

Professor of Psychology, University of California

Affiliations: Learning and Forgetting Lab, UCLA

Areas of Expertise:
Human Learning & Memory; Implications of Science of Learning for Teacher Instruction

Education: PhD in Psychology from University of Michigan



Peling Li

COGx Curriculum Designer & Guest Lecturer

Areas of Expertise: Teacher training and development, and special education. Experienced educator and coach to teachers; professor of graduate courses at Urban Teachers, Johns Hopkins University.

Ed.D. Special Education, Johns Hopkins University;
MA International Education Development, Columbia University



COGx Online Professional Development

Science of Learning Series: Developing Sophisticated Learners



UC San Diego

Jarrett Lovelett

Computational learning scientist

Affiliations: Learning Attention & Perception Lab, USC

Areas of Expertise: The Spacing Effect & Memory

Education: BA Cognitive Science, Yale University; M.A. Experimental Psychology, UCSD; PhD Experimental Psychology, USC



Javier Arguello

Founder & Executive Director, COGx

Areas of Expertise:

Research translation in cognitive science; Development of programs to enhance learning outcomes.

Education: MPA, Harvard University; MBA, Yale University Graduate Fellow, Cognitive Science, MIT