Deep Learning Explained

It's been called "learning in action" and "learning that sticks with you for life"

Deep learning takes facts and primary knowledge of the real world and with the application of the fundamentals, allows for their use in analyzing problems, trying new ideas and exploring innovative thinking.

A teacher's role is that of an activator who designs experiences that build on six global competencies (collaboration, creativity, critical thinking, citizenship, character and communication) using real-life problem solving. This is where the real benefit and outcomes of deep learning are seen and experienced by the students and the world around them.

The school board's role is that of enabling the practices, infrastructure and mindsets that nurture deep learning and neutralize or remove the barriers to it. Going down this path can form part of a board's community engagement responsibilities and system goal endeavors.

The future necessity for deep learning, and the essential skills needed to apply it, are explored in these three videos. They link deep learning to real world application and can be used in your elevator speech to bring your communities and division on board.

"Essential Skills"
"Public Exhibition"
"Prepare Our Kids for Life"

The white paper, *"Deep Learning: Shaking the Foundations"* authored by Michael Fullan, Peter Hill, and Santiago Rincón-Gallardo, defines the concept of deep learning well in four short chapters and perhaps more importantly, the fifth chapter provides a blueprint and recommendations for a system change built on deep learning.

For a more comprehensive study, Michael Fullan, coauthor of *"The Governance Core"* and an authority on education reform, also coauthored two books on deep learning. They outline implementation strategies and incorporate practical tools and processes to engage students, educators and families in a drive toward deep learning.

"Deep Learning: Engage the World Change the World"
"Dive into Deep Learning: Tools for Engagement"

Take your board for a dive into deep learning and see what some of the preeminent education reformers are talking about.