The Effectiveness of our Education Systems has never been more important, to economic success. How do we think Strategically about Education? And, what are the Themes That Matter?

Promethean Education Strategy Group
EDUCATION QUALITY & ECONOMIC GROWTH

PROMETHEAN
Promethean believes that education IS the fuel that drives economic growth and social progress. Effective teaching is the key to successful, collaborative and personalized learning—which in turn creates better prepared students, more prosperous nations, more secure societies, and more engaged global citizens. Promethean’s Education Strategy Group explores and facilitates technology’s role in realizing the promise of more effective educational systems locally and around the world.

Through combining leading-edge research, pedagogical expertise, and policy and practical insights, our approach demonstrates the impact of the long- and short-term return on investment in education technology—a theme central to the realities of Twenty First Century Learning.

Promethean is focused on understanding the Themes That Matter in education systems across the globe. By understanding these themes Promethean can support teachers, schools and education systems in a crucial drive for increased effectiveness of all aspects of the system.

The Themes That Matter

Three core themes drive our strategy. Understanding education’s role in economic growth and how core learning behaviors are changing with personalization and collaboration leading the charge.

The third core theme, 21st century learning, we see as a challenge to how education is run, how agile it needs to be to respond to change and how it enables openness and clarity to drive decisions around how space, time and resources are maximized.

The heart of our story starts with teacher effectiveness. The classroom will be with us for some time yet and teachers will continue to teach classes of children. What will change is schools will redesign the learning day to take account of
mixed age groups, real world problem solving and so on, but to achieve this teachers will need all the tools necessary to be effective. This will include interactive technologies and systems that help glue all of the parts together.

We understand how the curriculum is developing to meet the needs of economic development and social cohesion. Pressures from, for example, globalization, urbanization, critical skills development for work, technology enabled lifestyles and the environment are changing not just the content of the curriculum but its structure and how, when and where learning happens. In particular we recognize the need to focus on STEM which is traditionally made up of hard to teach subjects but is critical to the economic success of a country and its ability to compete on the world stage.

As we seek to understand our students progress we must move to more dynamic and fully integrated assessments tools to impact learning. We need to explore new ways to link learning, teaching and assessment assets if we are committed to offering a personalized learning journey and delivering an education system which is fit for purpose… These new curriculum architectures will be key to assessment for learning.

The goal of course, is helping learners realize their potential, raise their personal achievement and enable them to take their place in a lifelong learning journey. This vision has been with us for a long time and must enable the different parts of the education continuum to work together, progressing not just the learner through the system, but capturing valuable information also.

At Promethean we believe that these are the Themes That Matter and believe that learning technologies are an absolutely necessary component in unlocking both learner and teacher potential.
Impact of Educational Technologies

Promethean is committed to supporting independent research to find out how technologies are best employed to improve education and what the education returns can be. A significant piece of research is described below.

Marzano Research Laboratory

In the 2010 report, “Evaluation Study of the Effects of Promethean ActivClassroom on Student Achievement”, Dr. Marzano concluded that the Promethean ActivClassroom is an effective, evidence-based solution that leads to sustainable improvement of 16 percentile points for average student achievement.

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This means an average learner moves from 50th to 66th percentile.

The MRL researchers found that gains were:

- Immediate
- Across All Subject Areas
- Across All Levels of Teacher Experience
- Increased with Usage
- Across All Grade Levels
- Across All Student Populations

In an Education Week interview, Colorado’s National Education Policy Center senior researcher Gene V. Glass summarized the MRL study this way:

“One way of phrasing their findings is that a class employing the technology would gain 12 months’ achievement in a 9 month school year.”

www.educationweek.com/DigitalDirections

A copy of the complete study can be found at:

www.PrometheanWorld.com/research

A new discussion concept

Promethean and Cisco recently held the inaugural meeting of a worldwide forum set up to discuss how to move Education, Fast Forward. Using Cisco’s TelePresence conferencing system education experts, discussed key themes from 14 locations worldwide. Communicating from Sao Paulo to Seoul and Ottawa to Johannesburg the group were able to hold a lively, real time debate on issues as diverse as the need for Universal Digital Literacy and the role of creativity in the curriculum.

For more details, see:

www.PrometheanPlanet/educationfastforward

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