Education Themes that Matter

Our Approach and Experience

Ridwan Othman
Promethean Asia
Agenda

• Promethean Background
• Education Themes that Matter
• Research & Collaborative Projects
PROMETHEAN BACKGROUND
Who are we?

• Promethean is helping bring to life the promise of the 21st Century learning, improving engagement and results for learners and teachers through technologies specifically developed for the education sector

• We are 100% focused on Education because it is part of our DNA.

• Our mission statement is to help government around the world in implementing, these new technologies
The Promethean ActivClassroom

Classroom Audio
Audio enhancement systems designed to ensure both teacher and student voices are heard.

Learner Response Systems
Leading Response System solution that improves student engagement and achievement.

Assessment and Data Management
A learning management system to effectively track student progress and growth.

Interactive Tools
Innovative education tools to enhance lessons and engage learners.

Interactive Whiteboards
Interactive and durable systems with a wide range of boards, stands and state-of-the-art projectors.

Promethean Planet
World's largest online interactive whiteboard community for user-generated and premium interactive content.

Software
ActivInspire - Award-winning teaching and learning software.
Where we are
EDUCATION THEMES THAT MATTER
Themes that Matter

Education quality and education growth are linked.

Education achievement drives economic growth

Education is the fuel of economic and social development

Overview paper
Themes that Matter

21st Century Learning
helping teachers make better decisions with data to progress learning

Thinking Deeper Paper,
Miller, Looney & Wynn
Case study - Golden Avenue
Themes that Matter

Collaboration and Personalisation
Driving change agenda

Case Study - Peltosaari

Innovative Practices in Teaching and Learning: A Regional Seminar
Themes that Matter

Teacher Effectiveness
"everyone remembers a great teacher"
technology can help teachers in every aspect of their work

Case study - Walsall College

Innovative Practices in Teaching and Learning: A Regional Seminar
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Curriculum Development technology, content and contexts, for 21st Century Curriculum

Point of View - STEM Professor Oldknow
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Curriculum and Assessment Assets
the architecture that links content and assessment
Maria's story - comic strip

Thinking Deeper Paper - Making it Happen - Looney
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Data-Driven Decision Making

use of data to improve individual and system-wide performance

Initial pilot in Mexico with others planned internationally.
Themes that Matter

Student Achievement teachers at the heart of our thinking puts students there too

Mounting Evidence of Activclassroom Impact on Student Achievement

Research - Dr. Marzano
Themes that Matter

RESEARCH/COLLABORATIVE PROJECTS
Research/Collaborative Projects

• Presidential Interactive Learning and Teaching Initiative - Kazakhstan's MOE Initiated 2009
• Penang Pilot School Study - Malaysian MOE Initiated 2007
• Evaluation of Primary Schools Whiteboard Expansion Project - BECTA Initiated 2007
• Evaluation of Interactive Whiteboards (Smart vs ActivBoard) - City of Stockholm Initiated 2006
• Matching technology and pedagogy in teaching mathematics: understanding fractions using a 'virtual-manipulative' fraction wall - Keele University UK Initiated 2004

• Evaluation Study of the Effect of Promethean ActivClassroom on student achievement - Robert J. Marzano & Mark W. Haystead, Marzano Research Laboratory 2009 onwards (Longitudinal study that is still continuing)
• Education Fast Forward - Cisco; UNESCO and Promethean 2010 onwards (Quarterly debate planned)
• ITEC - Various European Universities, Educational Bodies and Educational Technology Companies 2011 onwards

www.prometheanworld.com/research
"Evaluation Study of the Effect of Promethean ActivClassroom on student achievement"

by
Dr. Robert Marzano, Ph.D.

Participants distributed across as wide a geographic area;
Represented a broad cross section of educational environments: large urban, medium- sized suburban and small rural school districts;
Included all grade bands; and,
Included Math, Language Arts, Science, Social Studies
Research – Marzano

• Findings after 2 years:
Projects – AIP Program in Asia

This holistic program is flexible and maps to Government’s framework and ICT Policies in Education.

Some examples:

- With DepEd BEE Philippines
  - Pilot Project Completed
  - 1600+ Schools nation-wide ongoing

- With Indonesia Religious and Public Schools
  - Ongoing for 200 and 90 schools respectively.

- With Vietnam MOET
  - 5 PLA setup nationwide catering to public schools (More than 125 teachers trained)
Projects – IWB Content Mapping

Resource Package 1 (RP1)

Mapping of existing plans/content to country-specific syllabus
Focuses on English, Mathematics, and Science

Mapping done by Subject Matter Experts or MOE Syllabus Specialist
Content downloaded and packaged in user-friendly interface within a CD
**Auto-Run** CD that will allow teachers to select and open relevant Flipcharts for immediate use in lessons.

Promethean ActivResources (Mapped to the Philippines Elementary Syllabus)
Version 1.1 July 2011
Projects – NextGen with UNESCO

As part of the partnership between UNESCO and Promethean, Promethean is providing sponsorship for this project.

The sponsorship is inclusive of a one-time monetary donation to UNESCO to use for this project.

The following Teacher Education Institutes in Asia also received Promethean ActivClassroom Interactive Learning Solution. (Interactive White-Boards, Learner Response Systems and Professional Development for at least 5 teachers each.)

- Hanoi National University of Education
- Chiang Mai University
- Universiti Sains Malaysia
- Marino Marcos State University College of Teacher Education
- South China Normal University
Education Fast Forward (EFF) brings together leading thinkers and change agents from across the world of education. It provides opportunities to debate the key challenges in education, not only today but also for the future, as we progress through the third millennium.

- More than 30 education thought leaders attending from 19 centres throughout the world
- Partnership with Cisco and Unesco
- Sessions in Nov 2010, April 2011 and September 2011, three more planned.
- Various papers have been developed and are in development following the past three debates. The last debate theme is ‘Making Learning Relevant’.
- Large following and significant coverage through live blogs, Twitter and live broadcast.

www.prometheanplanet.com/educationfastforward
THANK YOU!

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