Meeting the Needs of All Children in a Knowledge and Technological Rich World

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Meeting the Needs of All Children in a Knowledge and Technological Rich World
Why are we here?
The world is changing at a rapid pace and our schools must adapt to keep pace with these changes. This session will focus on the learning environment that needs to be in place to meet the academic, social and behavioral needs of all children in the 21st Century school setting.
Goals and Objectives

**Objective:** (Topic(s) presenter will cover/discuss)
Learning dynamics of the 21st Century school
School culture and climate that reflect a new learning dynamic
Shifts that need to take place in the learning environment that support student needs

**Goal:** (What presenter wants participants to learn)
Participants will learn:
How to adapt their teaching style to meet the needs of the 21st Century student
How to engage students who do not respond to stand and deliver teaching style
How to use technology and higher order thinking and real world learning experiences to meet the needs of the most reluctant learner
Who am I?
A Different Kind Of Restaurant Experience
The Goal is not just to survive, but to THRIVE in a rapidly changing world
“Never, ever, think outside the box.”
Transforming the System (a paradigm shift...of monumental proportions)
Current Mode: Book Based

Content:
- Textbook
- Courseware

Learner:
- Receiver

Teacher:
- Didactic
- Communicator
- Knowledge Transfer
Emerging Model:

Teacher:
Facilitator

Content:
Fluid
Problem-Based
Relevant

Learner:
Strength-Based
Architect
Active
24/7
Emerging Model 2.0:

**Teacher:** Facilitator

**Content:** Fluid, Problem-Based, Relevant

**E-Content:**
- Internet
- Web
- Video lecture
- Digital Learning 24/7

**Learner:**
- Strength-Based
- Architect
- Active 24/7
Student Achievement In a Globalized World

• Problem Based Learning (PBL)
  – Provide students the opportunity to demonstrate understanding and build the capacity to global challenges

• Create and Innovate

• Integrate and apply knowledge to real-world problems

• Cross cultural collaboration-working in virtual teams across counties

• All of the above can be enhanced with technology
States of Equilibrium

Panic Zone

Growth Zone

Comfort Zone

State of Equilibrium

States of Disequilibrium
“The achievement of excellence can occur only if the organization promotes a culture of creative dissatisfaction.”

Lawrence Miller
“Change is hard because people overestimate the value of what they have and underestimate the value of what they may gain by giving that up.”

—Belasco and Strayer, Flight of the Buffalo
Children Need To Be Citizens, Not Tourists In Our Schools
The Lost Art Of Free Play
Types of and Process for Student Engagement

- Engagement of the Heart
- Engagement in School Life

Engagement of the Mind
“Those who do the work do the learning”
Rebecca Edwards

The student should go home tired not the teacher
Engaging Students

- Technical Skills
- Interpersonal Skills
Paradigm shift
“To do disruptive innovation, you have to be willing to be misunderstood for a very long time.”

-Jeff Bezos, Amzon.com: Innovation, Turning ON innovation in your culture, teams and organizations, Terry Jones 2012.
“Yes, risk taking is inherently failure prone. Otherwise, it would be called ‘sure-thing taking.’”

Jim McMahon
What we don’t address, we accept
The Knowing-Doing Gap
The story of the three frogs
The Thinker and The Doer
Change because you see...