

04/06/17 – Modified Delphi Process

Significant Challenges Impeding Ed Tech Adoption

Group 1 Challenge List

- 01. Achievement Gap
- 02. Advancing Digital Equity
- 03. Competition from New Models of Education
- 04. Creating Authentic Learning Opportunities and Experiences
- 05. Integrating Personalized Learning
- 06. Integrating Technology in Teacher Education
- 07. Keeping Formal Education Relevant
- 08. Rethinking the Roles of Teachers
- 09. Safety of Student Data
- 10. Scaling Teaching Innovations
- 11. Teaching Complex Thinking and Communication
- 12. Scheduling - the existing conflicts in a traditional schedule
- 13. Providing Ongoing PD for Teachers - Rewarding that
- 14. Rethinking the roles of leaders
- 15. Social and Emotional well being of students
- 16. Not thinking BOLD enough
- 17. Building a sense of urgency in families and leadership
- 18. Integrating Digital Citizenship into all activities so that students, faculty, and parents understand the implications of living digitally and the collection and use of data throughout their entire life
- 19. Teaching students how to advocate for themselves in a personalized environment
- 20. Community and parent understanding
- 21. Managing personalization in the classroom without expensive technology that automates the process
- 22. Consensus on the understanding of terms such as personalized learning, blended learning
- 23. Teacher preparation for the Digital Learning age
- 24. Developing leadership across the system (facilities, curriculum, instruction, school leadership, finance, HR)
- 25. BYOD learning activities and teacher preparation
- 26. Trust of our teachers and students
- 27. Working with college and universities - sometimes used as an excuse in K-12 that we can't change because colleges are looking at traditional examples from students
- 28. Communication of vision and desired outcomes for teachers, students and families
- 29. Homework gap
- 30. Funding models that allow for both innovation and sustaining operations over time
- 31. Making smart blended learning decisions (determining the best use of online learning and the teacher for unique situations)
- 32. Online learning/distance learning academic achievement

Top Wicked Challenges (Group 1)

1. #01 – Achievement Gap
2. #05 – Integrating Personalized Learning
3. #23 – Teacher preparation for the Digital Learning age
4. #11 – Teaching Complex Thinking and Communication
4. #14 – Rethinking the roles of leaders
6. #28 – Communication of vision and desired outcomes for teachers, students and families
6. #30 – Funding models that allow for both innovation and sustaining operations over time

Group 2 Challenge List

- 01. Achievement Gap
- 02. Advancing Digital Equity
- 03. Competition from New Models of Education
- 04. Creating Authentic Learning Opportunities and Experiences
- 05. Integrating Personalized Learning
- 06. Integrating Technology in Teacher Education
- 07. Keeping Formal Education Relevant
- 08. Rethinking the Roles of Teachers
- 09. Safety of Student Data
- 10. Scaling Teaching Innovations
- 11. Teaching Complex Thinking and Communication
- 12. Keeping Leadership Focused on True Needs
- 13. The reality or perception of Teacher and student stress
- 14. The instability of education funding
- 15. Including Community
- 16. technology infrastructure keeping pace with innovations
- 17. Interoperability - vendor issues
- 18. Local and national politics
- 19. Digital Literacy
- 20. Defining the purpose of education/school
- 21. Universities not preparing new teachers for innovative learning strategies
- 22. Cyber security
- 23. Time for Teachers to Rethink How They Teach
- 24. Time for appropriate and effective PD for the teachers
- 25. IT staffing inadequacies
- 26. Making data accessible and relevant to teachers, admins, students, parents, and community stakeholder
- 27. Teacher assessment requirements don't reflect changes in instructional practice necessary for technology innovation
- 28. Time to focus on addressing challenges
- 29. Time/Capacity for competing priorities
- 30. Insufficient collaboration between schools and teacher ed programs
- 31. Getting all stakeholders to understand that they have a leadership responsibility
- 32. Standards Overload
- 33. Coordination and communication between Curriculum and IT

Top Solvable Challenges (Group 2)

1. #33 – Coordination and communication between Curriculum and IT
2. #24 – Time for appropriate and effective PD for the teachers
3. #09 – Safety of Student Data
4. #04 – Creating Authentic Learning Opportunities and Experiences
5. #06 – Integrating Technology in Teacher Education
5. #07 – Keeping Formal Education Relevant
5. #15 – Including Community