Why Education Stakeholders MUST WORK TOGETHER on the Critical Components of Digital Transformation

DIGITAL TRANSFORMATION = NON-NEGOTIABLE

Education leaders know a smooth transition to a digital environment is critical.

194 of IT decision-makers say classroom and instructional technologies are extremely or very important to learning.

WHAT ARE THE THREE COMPONENTS OF DIGITAL TRANSFORMATION?

1. CONVERSION
   - Converting legacy technology to mobile, cloud-based solutions
   - Key questions: What are the timelines and rollout procedures? What is the vision? What kind of technical, instructional and leadership expertise is needed? What are the goals of the devices? Will districts provide the devices? Who will manage them? Will every student be given a device? What network bandwidth is needed? What is the plan for professional development?

2. CURRICULUM
   - Must work together for the three components to function correctly
   - Key questions: How is the digital content strategy aligned to student outcomes? How will we leverage existing digital content? Should the curriculum be cloud-, device- or server-based? How will the curriculum be delivered? Will it be compatible with the devices? Who will manage the subscriptions, licensing and logins? How will we assess student learning?

3. COLLABORATION
   - Implementing professional development
   - Key questions: How can stakeholders work together more effectively? What will be the benefits of digital technologies in education? How can schools improve efficiency and effectiveness? How can we improve communication and collaboration? Do students and teachers have the right tools?

WHO SHOULD WORK TOGETHER?

- Teachers
- Parents
- Academic/curriculum personnel
- Administration
- IT
- Students
- Community

TIPS FOR MAKING IT WORK

CONVERSION
- Develop a shared vision for the conversion
- Assess the infrastructure and device environment
- Establish timelines with extra time for the unexpected

CURRICULUM
- Make device and curriculum decisions at the same time
- Prepare infrastructure and network for growth
- Consider a learning management system
- Incorporate digital and information literacy
- Develop a professional development plan

COLLABORATION
- Implement professional development
- Share success stories and lesson plans using the technology provided
- Develop a strategy for sharing and adopting digital technology
- Equip students and teachers with tools for success
- ENCOURAGE students to become technology leaders

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1. CENTER FOR DIGITAL EDUCATION SURVEY OF 259 K-20 EDUCATION DECISION-MAKERS, CONDUCTED IN DECEMBER 2014.
2. CENTER FOR DIGITAL EDUCATION SURVEY OF 92 K-12 EDUCATION DECISION-MAKERS, CONDUCTED IN JANUARY 2016.
3. CENTER FOR DIGITAL EDUCATION SURVEY OF 109 K-20 EDUCATION DECISION-MAKERS, CONDUCTED IN SEPTEMBER 2014.
4. HTTP://CDN.NMC.ORG/MEDIA/2015-NMC-HORIZON-REPORT-K12-EN.PDF

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