

Instructional Materials Matter: Educating the Digital Generation

Northwest ISD

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Value of the Resources



Every Student Future Ready



**What do students
need for their
future?**

What Do Kids Request?

- Ubiquitous, anywhere, anytime access
- Interactive, personalized, adaptive
- Elevated control of content
- More dynamic than a PDF
- Ability to manipulate and annotate
- Ease when logging in



Defining Cross-Platform Support

- Materials should be accessible on any device
- Students require **consistent** access to materials
 - Login requirements must be standard
 - Access methods must be standard
 - Integration must be standard

Current Issues

- Cost of materials
 - Unsustainable models, need additional allowance for growth in materials procurements (90-110% of purchase)
- Unclear requirements for access methods
 - Some vendors' models of access are so convoluted it takes a data expert in the technology department to link the student system to the requirements of the instructional material



Current Issues

- Lack of standards for student data security
 - Who has access and how is the data secured?
- Current adoption cycle is not realistic for digital materials
 - Cost of current adoption may not include upgrades



Recommendations

- Define technical specification standards for instructional materials
- Define standards for student privacy
- Define standards for data integration
 - HTML5
 - Set format for student data
- Provide seamless access for staff and students



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