# Denton Digital Learning Design Proposal

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Digital Learning Design Team Workshop
January 12, 2015

# Review Of Team's Work



Ten members from both the Curriculum and Instruction Division and Technology Division came together to become the Denton Digital Learning Design Team. We studied technology solutions for the past 18 months. The DDLD Team used research studies along with practical application within Denton ISD classrooms spanning K-12 and all four core areas of study.

| | | |
|---|---|---|
| | Erika Lowery | Grace Ann McKay |
| | Ross Garison | Lyneille Meza |
| Denton Digital Learning Design Team | Dwight Goodwin | Chris Shade |
| | Stacey Kockler | Leslie Taylor |
| | Mike Mattingly | Teresa Taylor |

# Starting with the Why?

# Transformational 6.5

**The Transformational 6.5**

- Capacity for Critical thinking?
- New lines in inquiry?
    - New Self assessment?
- Authentic conversations?
- Students to publish with feedback?
- Contribution or purposeful work?
- Best in the world?

# DDLD Objectives

The DDLD Team will coordinate a digital learning design proposal for the purpose for the board to consider:

1. technology for future-ready classrooms (Four C's)
2. a replacement cycle for current technology
3. solutions for immediate and long-term needs including a timeline for implementation

# Review of Lit

Background and Research

Alan November Professional Development, 3 full days

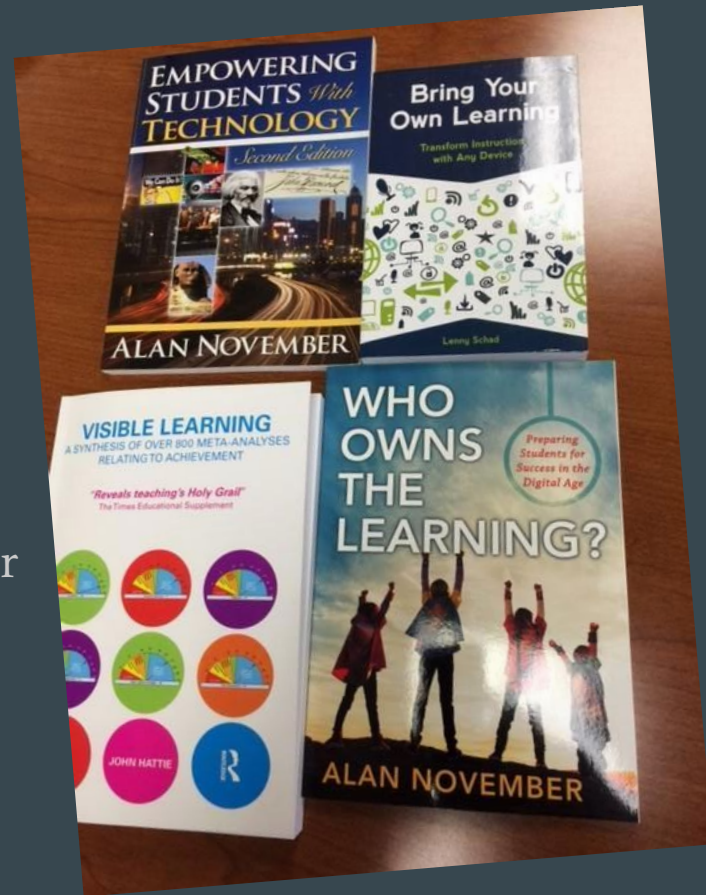Professional Book Studies

Who Owns The Learning  Alan November

Empowering Students with Technology Alan November

Bring Your Own Learning Lenny Schad
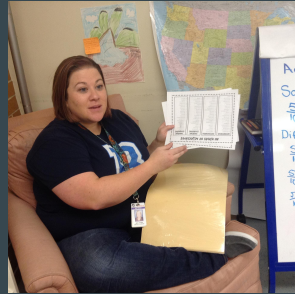
Visible Learning John Hattie

Professional Journal Articles with Current Technology

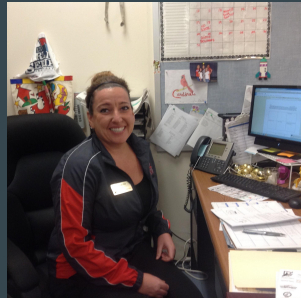# Elementary Digital Design Team Teachers


Maria Trevino


Jessica Harris


Pilar Balabuch


Tenille Shade


Julie Van Pelt


Jacqui Jenkins


Julie Wenger


Annamarie Edwards

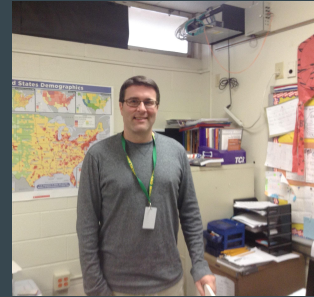# Secondary Digital Design Team Teachers
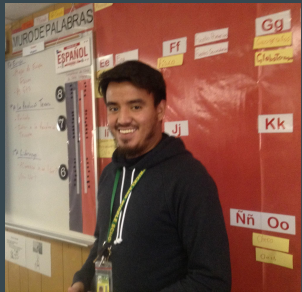


Meagan Gabriel

Matthew Johnson

Karen Crockett

John Lovette

Dayna Van Aken

Manny Ordonez

Tina Simpson

Scott Spaulding

Katherine Myers

Nicole Alford

# Teacher and Student Testimony (videoclip coming)

# Quotes from teachers

The longer I have had them, the more I find to do with them.

~Karen Crockett

Technology completes two critical objectives: transfers accountability from the teacher to the student & empowers kids. Empowered kids have better motivation and the greatest obstacle we face is student motivation.

~Scott Spaulding

# Feedback





brightBytes
Linking Technology to Learning

# Digital Learning Design Proposal 2016-2020

| Year 1 | | | | |
|---|---|---|---|---|
| **Year** | **Grade / Course / Staff** | **Number of Devices** | **Cost** | **Total** |
| January 2016 | Teacher Chromebooks | 356 | 315 | $ 112,140.00 |
| | Professional Dev Support Team | 21 | 315 | $ 6,615.00 |
| | | | | |
| | Pilot Teachers | 10 | 315 | $ 3,150.00 |
| | | | | |
| August 2016 | Fourth Grade Classrooms (12) | 1320 | 315 | $ 415,800.00 |
| | Fifth Grade Classrooms (15) | 1665 | 315 | $ 524,475.00 |
| | Secondary Social Studies (15) | 2025 | 315 | $ 637,875.00 |
| | | | | |
| | Classroom Lockers | 356 | 800 | $ 284,800.00 |
| | | | | |
| | | | | $ 1,984,855.00 |

# Digital Learning Design Proposal 2016-2020 cont.

| Year 2 | | | | |
|---|---|---|---|---|
| **Year** | **Grade / Course / Staff** | **Number of Devices** | **Cost** | **Total** |
| January 2017 | Teacher Chromebooks | 343 | 315 | $ 108,045.00 |
| | | | | |
| August 2017 | Second Grade Classrooms (12) | 1380 | 315 | $ 434,700.00 |
| | Third Grade Classrooms (12) | 1332 | 315 | $ 419,580.00 |
| | Secondary Science (15) | 1755 | 315 | $ 552,825.00 |
| | | | | |
| | Classroom Lockers | 343 | 800 | $ 274,400.00 |
| | | | | |
| | | | | $ 1,789,550.00 |

# Digital Learning Design Proposal 2016-2020 cont.

| Year 3 | | | | |
|---|---|---|---|---|
| Year | Grade / Course / Staff | Number of Devices | Cost | Total |
| January 2018 | Teacher Chromebooks | 291 | 315 | $ 91,665.00 |
| | | | | |
| August 2018 | First Grade Classrooms (12) | 1272 | 315 | $ 400,680.00 |
| | Secondary ELAR (15) | 2775 | 315 | $ 874,125.00 |
| | | | | |
| | Classroom Lockers | 291 | 800 | $ 232,800.00 |
| | | | | |
| | | | | $ 1,599,270.00 |

# Digital Learning Design Proposal 2016-2020 cont.

| Year 4 | | | | |
|---|---|---|---|---|
| **Year** | **Grade / Course / Staff** | **Number of Devices** | **Cost** | **Total** |
| January 2019 | Teacher Chromebooks | 132 | 315 | $ 41,580.00 |
| | Teacher iPads | 106 | 320 | $ 33,920.00 |
| | | | | |
| | | | | |
| August 2019 | Pre-k TBD | TBD | TBD | |
| | Kinder (12) | 1272 | 320 | $ 407,040.00 |
| | Secondary Math Classrooms (15) | 1980 | 315 | $ 623,700.00 |
| | | | | |
| | Classroom Lockers | 132 | 800 | $ 105,600.00 |
| | | | | |
| | | | | $ 1,211,840.00 |

Getting to Know Your Chromebook

Google Basics / Google Advanced

Professional Development Plan

Formative Assessment

Content Specific

# Professional Development Plan

**Face-to-Face**

**(before/after school, summer)**

**Live Webinar**

**(before/after school, summer)**
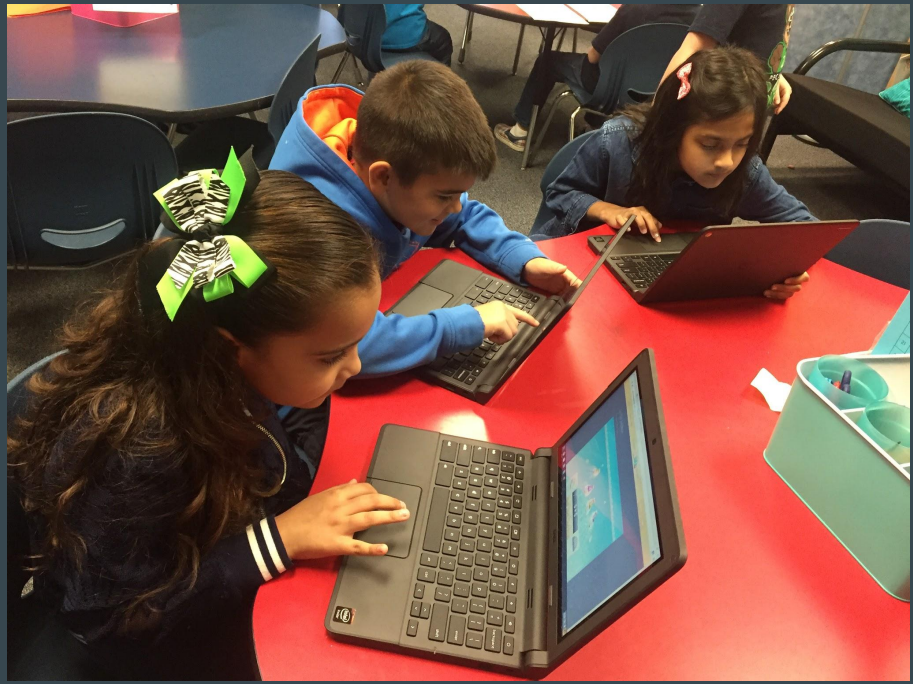
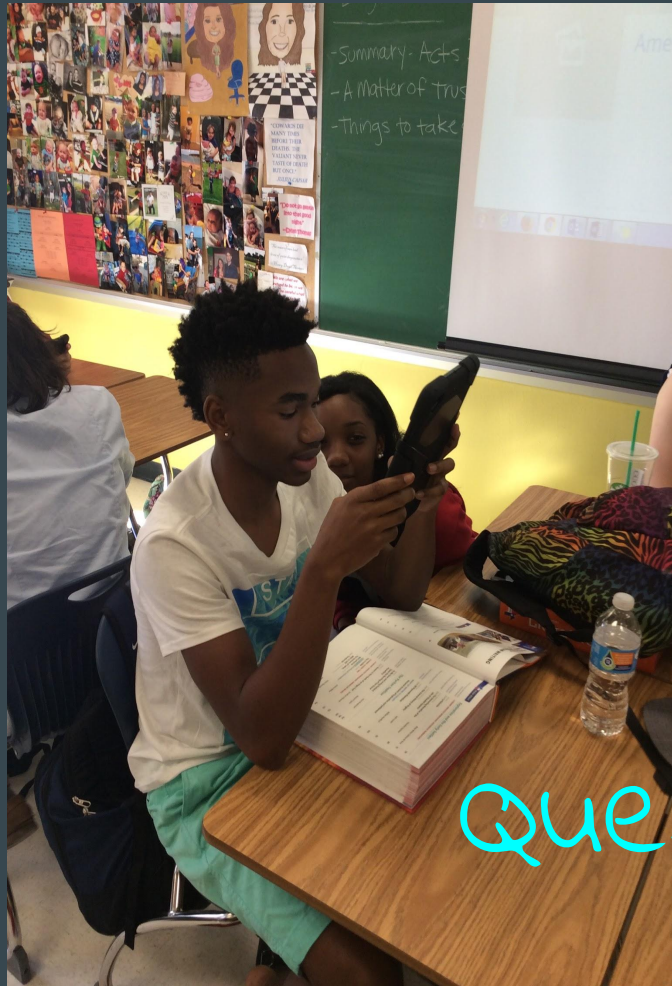**Online through Canvas**

**(self-paced)**

**Conference Sessions**

TiA

# Further Study

- **PreK/Kindergarten**: Additional piloting of technology devices/SMART Tables
- **Computer Labs**- possible phase out
- **Projectors**- compare needs across district
- **Language Labs**- determine replacement cycle
- **Other elective course's** needs
- Implications for state testing requirements

Questions and Comments