



BrightBytes



Data Dive 2016

There's no such thing
as bad data.

Denton by the numbers



1,518



7,951



3,692

Total = 13,161

BrightBytes Data



CASE[™] Score

1065 Proficient ↗ Up since last data collection

Classroom



Use of the 4Cs

Teachers

Students

Digital Citizenship

Teachers

Students

Assessment

Assistive Technology

Access



Access at School

Teachers

Students

Access at Home

Teachers

Students

Skills



Foundational

Teachers

Students

Online

Teachers

Students

Multimedia

Teachers

Students

Environment



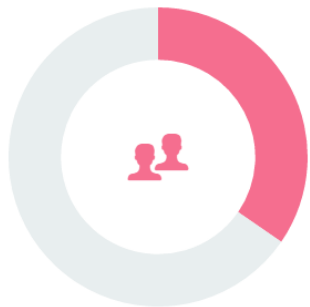
The 3Ps

Support

Professional Learning

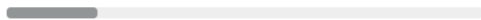
Beliefs

classroom



Use of the 4Cs

Teachers



Students



Digital Citizenship

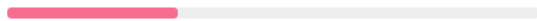
Teachers



Students



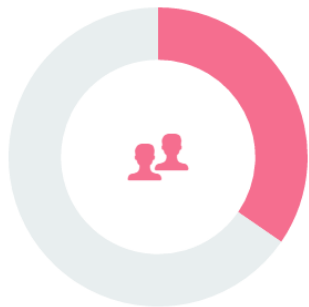
Assessment



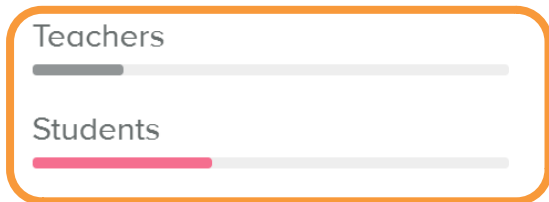
Assistive Technology



classroom

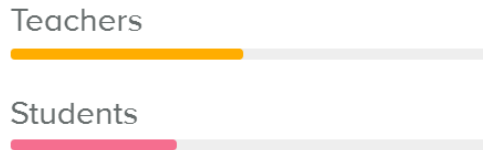


Use of the 4Cs

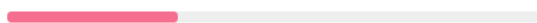


21st century students want to be 21st century learners. ADD SOMETHING WITTY HERE.

Digital Citizenship



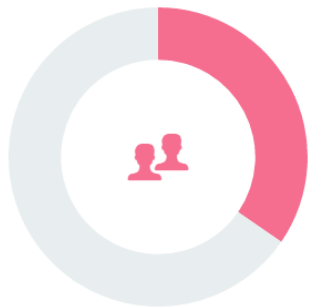
Assessment



Assistive Technology

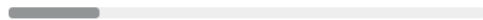


classroom

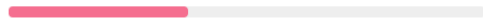


Use of the 4Cs

Teachers



Students



Digital Citizenship

Teachers



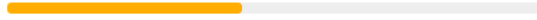
Students



Assessment



Assistive Technology



**Our students need our expertise
in digital citizenship and being
safe online**

ACCESS



Access at School

Teachers



Students



Access at Home

Teachers



Students



Access



Access at School

Teachers



Students



Access at Home

Teachers



Students



Access



Student access to a desktop, laptop, or tablet computer at home

[View Insight](#)

[Save Chart](#)

[Share](#)



Yes



No

Access

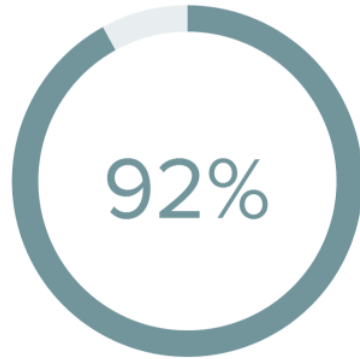


Student Access to Internet and Wireless at Home

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[Save Chart](#)

[Share](#)

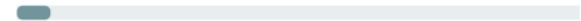


of your students have Internet access at home

→ OF WHOM



94% Have wireless Internet access



6% Have wired Internet access

Access

What does this mean in Denton?



3,640



2,240

Skills



Foundational

Teachers



Students



Online

Teachers



Students



Multimedia

Teachers



Students



Skills

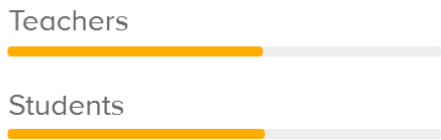


Foundational

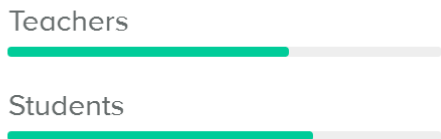


Our teachers and students have the skills necessary to function in a 21st century learning environment.

Online



Multimedia



Environment



The 3Ps



Support



Professional Learning



Beliefs



Environment



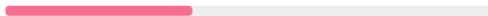
The 3Ps



Support



Professional Learning

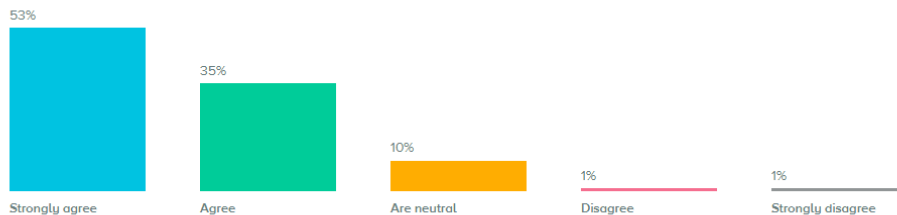


Beliefs



🗨️ “Technology use in class can enhance student learning.”

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COMPARE



DATA HIGHLIGHT



88%
of teachers believe this



72%
of students believe this

Environment



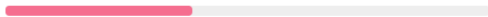
The 3Ps



Support



Professional Learning



Beliefs



Quality vs. Quantity



Environment



The 3Ps



Support



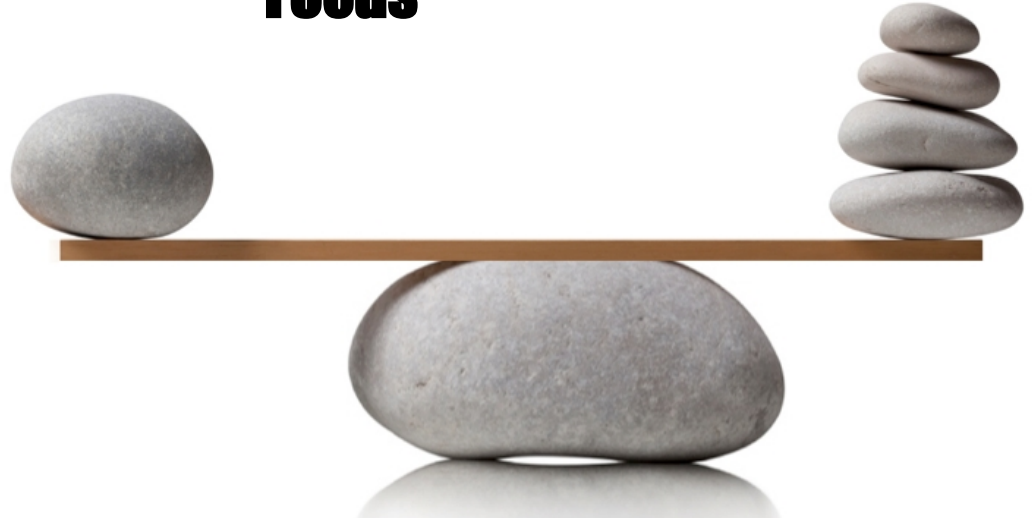
Professional Learning



Beliefs



Quality vs. Quantity Focus



Environment



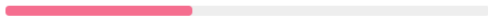
The 3Ps



Support



Professional Learning

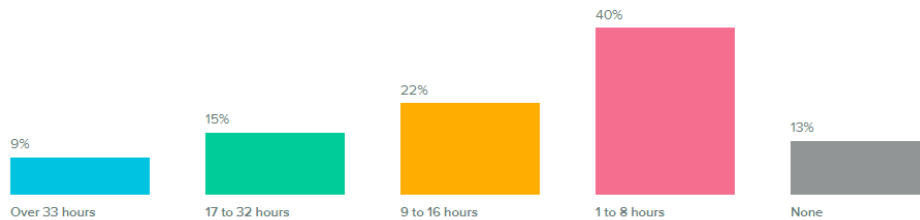


Beliefs

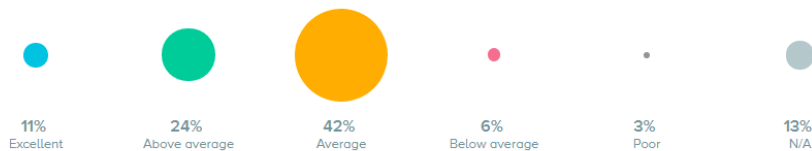


Teacher-reported time spent per year participating in school-sponsored PD

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↓ OF WHICH THE QUALITY IS



Why This Matters

Research shows that teachers need at least 14 hours of high-quality PD on a single topic for effective classroom teaching (DeMonte, 2013).

Environment



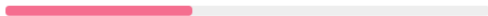
The 3Ps



Support



Professional Learning



Beliefs



Teachers expressed interest in the following educational technology PD topics

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1st

47%

Multimedia Skills



2nd

43%

Online Tools for Critical Thinking



3rd

35%

Classroom Management with Technology



4th

33%

Online Collaboration



5th

27%

Digital Collaboration



6th

23%

Online Writing

Full Report

