Jan 1, 2018 to Jun 30, 2018

21ST CENTURY

LEARNING

Mansfield Isd

21ST CENTURY LEARNING REPORT
MANSFIELD ISD

CLASSROOM
ACCESS
SKILLS
ENVIRONMENT

A research report from *Adobe Education* notes that, "In today's world, a proficient employee needs to be computer literate, visually literate, information literate, media literate, and digitally literate."

21st Century Learning requires organizations to meet the current requirements of our standardized tests while also striving to achieve the 4Cs: communication, collaboration, creativity, and critical thinking. The skills needed for success in college and career are becoming increasingly complex, and schools must rise to meet new demands.

New academic standards and accountability measures across the nation have broadened the classroom experiences required for proficiency. As expectations rise, students are struggling to keep up. This trend is evidenced by falling preliminary assessment scores across the nation. Traditional instruction may be to blame. In their recent investigation of 21st Century Learning, *National Academies Press* found that rote learning does not support the educational transfer necessary to tackle the complex problems demanded by intensified academic standards. Students must be exposed to unfamiliar problems and encouraged to design meaningful solutions. Technology is a tool for such problem solving. A national *Walden University* study reports that teachers who use technology frequently place the highest emphasis on problem solving.

In addition to meeting traditional academic standards, students must also be prepared to tackle the demands of a modern world and modern workforce. A research report from *Adobe Education* notes that, "In today's world, a proficient employee needs to be computer literate, visually literate, information literate, media literate, and digitally literate." According to a report from the *Partnership for 21st Century Skills*: "Many of the fastest-growing jobs and emerging industries rely on workers' creative capacity - the ability to think unconventionally, question the herd, imagine new scenarios, and produce astonishing work." Technology assists with this type of capability. *Pew* reports that 76% of Advanced Placement and National Writing Project teachers believe that digital tools such as the Internet, social media, and cell phones "encourage student creativity and personal expression." In addition, the National Writing Project reports that the creation and consumption of multimedia increases the likelihood of deeper learning and longer skill retention.

Technology is a key driver towards instruction that impacts student learning outcomes, both on standardized assessments and for 21st Century Learning skills. Students must have regular opportunities to engage in the 4Cs. In addition, they must have access to the instant feedback enabled by digital assessment and customized assistive technology. Being aware of the classroom setting and the typical learning experiences afforded to students in your organization is the first step towards the cultivation of 21st Century Learning.
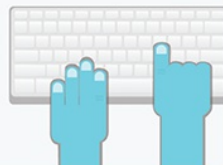
60% of students are asked to collaborate online with classmates at least monthly

17% of students are asked to write online at least monthly

46% of students are asked to identify and solve authentic problems using technology at least monthly

54% of teachers ask their students to complete online assessments at least monthly

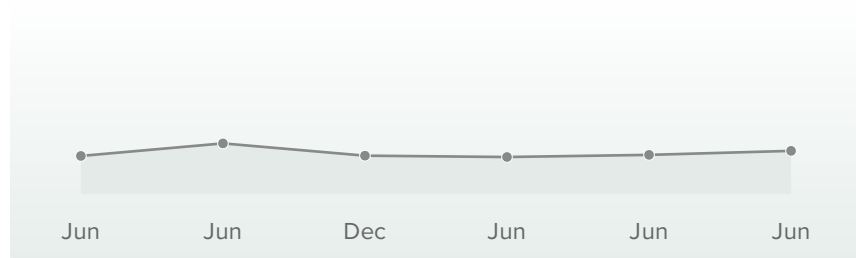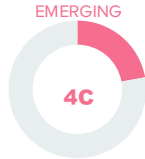**76%** of teachers spend less than 3 hours per year teaching digital citizenship

58% of your teachers who use assistive technology use it with students at least monthly

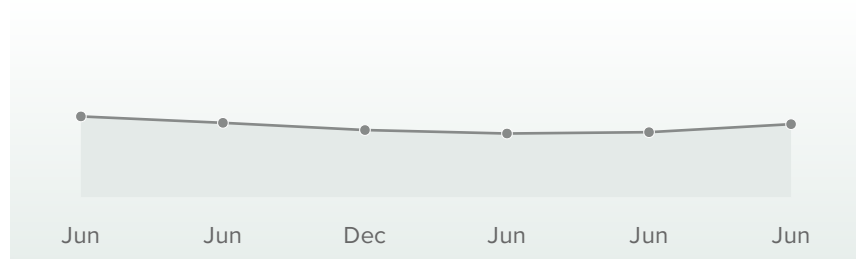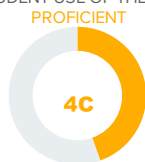# 21ST CENTURY LEARNING REPORT
MANSFIELD ISD

Contributing Factors

The factors that most contribute to the success of your organization include ...
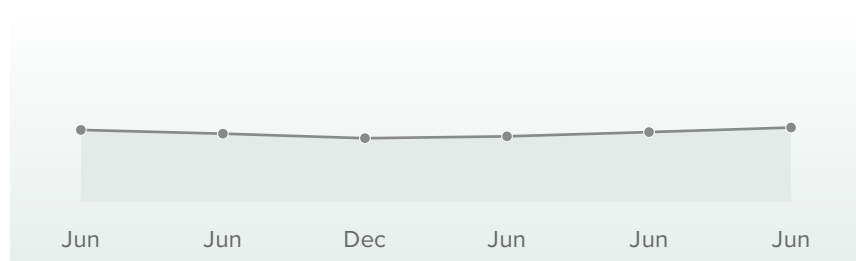
TEACHER USE OF THE 4CS
EMERGING
4C
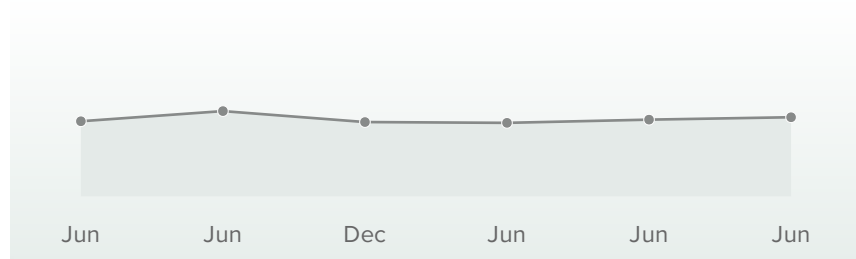
Jun | Jun | Dec | Jun | Jun | Jun

STUDENT USE OF THE 4CS
PROFICIENT
4C

Jun | Jun | Dec | Jun | Jun | Jun

TEACHER DIGITAL CITIZENSHIP
PROFICIENT

Jun | Jun | Dec | Jun | Jun | Jun

STUDENT DIGITAL CITIZENSHIP
PROFICIENT

Jun | Jun | Dec | Jun | Jun | Jun

CASE™ Score Legend

| Beginning 800-899 | Emerging 900-999 | Proficient 1000-1099 | Advanced 1100-1199 | Exemplary 1200-1300 |

21ST CENTURY LEARNING REPORT
MANSFIELD ISD

CLASSROOM
ACCESS
SKILLS
ENVIRONMENT

ASSESSMENT
PROFICIENT

Jun   Jun   Dec   Jun   Jun   Jun

ASSISTIVE TECHNOLOGY
PROFICIENT

Jun   Jun   Dec   Jun   Jun   Jun

CASE™ Score Legend

Beginning 800-899   **Emerging** 900-999   **Proficient** 1000-1099   **Advanced** 1100-1199   **Exemplary** 1200-1300

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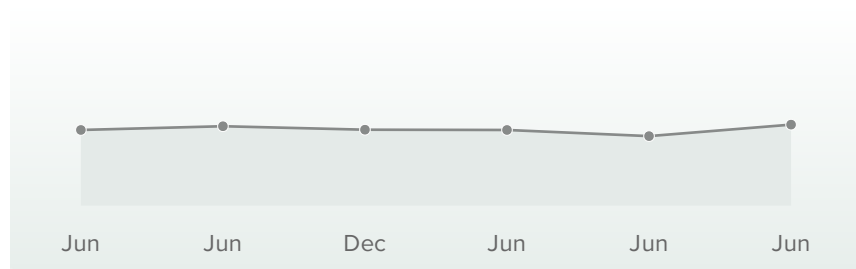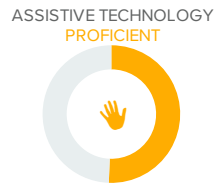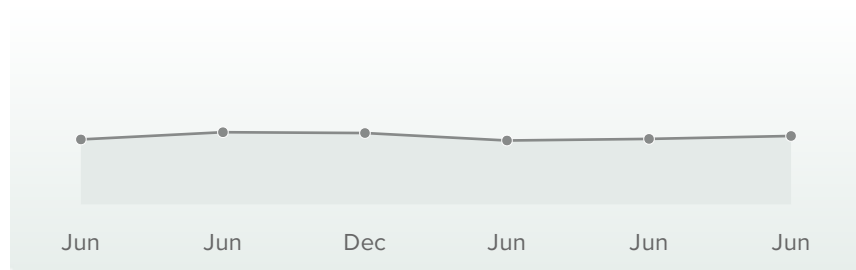
SCHOOL SCORECARD

Schools	Date Range	Student Use of the 4Cs	Teacher Use of the 4Cs	Assessment	Assistive Technology	Student Digital Citizenship	Teacher Digital Citizenship
Anderson Es	Jan 29, 2018 - Mar 21, 2018	🟢	⚪	🟠	🟠	🟢	🟠
Bbia	Apr 3, 2018 - Apr 6, 2018	🟢	🔴	🟠	🟠	🔴	🟠
Boren Es	Jan 29, 2018 - Mar 21, 2018	🟢	⚪	🟠	🟠	🟢	🟠
Brockett Es	Jan 29, 2018 - Mar 21, 2018	🔴	⚪	⚪	🟠	🔴	🟠
Brown Es	Jan 29, 2018 - Mar 21, 2018	🔴	⚪	🟠	🟠	🔴	🟠
Cabaniss Es	Jan 29, 2018 - Mar 21, 2018	🟢	⚪	🔴	🟠	🟢	🟠
Coble Ms	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🟠	🟠	🟠
Daulton Es	Jan 29, 2018 - Mar 21, 2018	🟠	⚪	🟠	🟠	🟠	🟠
Davis Es	Jan 29, 2018 - Mar 21, 2018	🟠	⚪	🟠	🟠	🟠	🟠
Fhs	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🟠	🔴	🟠
Gideon Es	Jan 29, 2018 - Mar 21, 2018	🔴	⚪	🟠	🟠	🔴	🟠
Harmon Es	Jan 29, 2018 - Mar 21, 2018	🟠	⚪	🔴	🔴	🟢	🟠
Holt Es	Jan 29, 2018 - Mar 21, 2018	🟠	⚪	🔴	🔴	🟠	🟠
Howard Ms	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🟠	🟠	🟠
Icenhower Is	Jan 29, 2018 - Mar 21, 2018	🔴	🔴	🟠	🟠	🔴	🟠
Jerry Knight Stem Academy	Mar 23, 2018 - Mar 29, 2018	🟢	🟢	🟢	🟠	🟠	🟢
Jobe Ms	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🟢	🟠	🟢
Jones Es	Jan 29, 2018 - Mar 21, 2018	🟠	⚪	🔴	🔴	🟠	🟠
Jones Ms	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🟠	🟠	🟠

| Lake Ridge Hs | Jan 29, 2018 - Mar 21, 2018 | 🟠 | 🔴 | 🟠 | 🟠 | 🔴 | 🟠 |

CASE™ Score Legend

| 🔘 Beginning 800-899 | 🔴 Emerging 900-999 | 🟠 Proficient 1000-1099 | 🟢 Advanced 1100-1199 | 🔵 Exemplary 1200-1300 |

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Schools	Date Range	Student Use of the 4Cs	Teacher Use of the 4Cs	Assessment	Assistive Technology	Student Digital Citizenship	Teacher Digital Citizenship
Legacy Hs	Jan 29, 2018 - Mar 21, 2018	orange	pink	orange	orange	pink	orange
Lillard Is	Jan 29, 2018 - Mar 21, 2018	orange	gray	orange	orange	orange	orange
Low Is	Jan 29, 2018 - Mar 21, 2018	pink	gray	orange	orange	pink	orange
Mansfield Hs	Jan 29, 2018 - Mar 21, 2018	pink	pink	orange	green	pink	orange
Miller Es	Jan 29, 2018 - Mar 21, 2018	orange	gray	pink	orange	orange	orange
Morris Es	Jan 29, 2018 - Mar 21, 2018	orange	gray	orange	orange	orange	orange
Nash Es	Jan 29, 2018 - Mar 21, 2018	pink	gray	pink	pink	orange	pink
Neal Es	Jan 29, 2018 - Mar 21, 2018	pink	gray	pink	pink	orange	orange
Orr Is	Jan 29, 2018 - Mar 21, 2018	pink	gray	pink	pink	pink	orange
Perry Es	Jan 29, 2018 - Mar 21, 2018	orange	gray	orange	orange	green	orange
Phoenix Academy	Jan 29, 2018 - Mar 21, 2018	orange	orange	orange	green	orange	orange
Ponder Es	Jan 29, 2018 - Mar 21, 2018	pink	gray	pink	orange	orange	pink
Reid Es	Jan 29, 2018 - Mar 21, 2018	green	pink	pink	orange	orange	pink
Rendon Es	Jan 29, 2018 - Mar 21, 2018	pink	gray	orange	pink	orange	pink
Shepard Is	Jan 29, 2018 - Mar 21, 2018	orange	gray	pink	orange	orange	orange
Sheppard Es	Jan 29, 2018 - Mar 21, 2018	orange	gray	pink	orange	orange	orange
Smith Es	Jan 29, 2018 - Mar 21, 2018	orange	pink	orange	orange	pink	orange
Spencer Es	Jan 29, 2018 - Mar 21, 2018	gray	gray	pink	orange	pink	orange
Summit Hs	Jan 29, 2018 - Mar 21, 2018	orange	pink	orange	orange	pink	orange

| Timbers Is | Jan 29, 2018 - Mar 21, 2018 | 🟠 | ⚫ | 🟠 | 🟢 | 🔴 | 🟠 |

| CASE™ Score Legend | ⚫ Beginning 800-899 | 🔴 Emerging 900-999 | 🟠 Proficient 1000-1099 | 🟢 Advanced 1100-1199 | 🔵 Exemplary 1200-1300 |

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Schools	Date Range	Student Use of the 4Cs	Teacher Use of the 4Cs	Assessment	Assistive Technology	Student Digital Citizenship	Teacher Digital Citizenship
Timberview Hs	Jan 29, 2018 - Mar 21, 2018	🔴	⚫	🔴	🟠	🔴	🟠
Tipps Es	Jan 29, 2018 - Mar 21, 2018	🔴	⚫	🟠	🟠	🔴	🟠
Wester Ms	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🟠	🟠	🟠
Worley Ms	Jan 29, 2018 - Mar 21, 2018	🟠	🔴	🟠	🔴	🟠	🟠

CASE™ Score Legend
- ⚫ Beginning 800-899
- 🔴 Emerging 900-999
- 🟠 Proficient 1000-1099
- 🟢 Advanced 1100-1199
- 🔵 Exemplary 1200-1300