

EdTech Impact: Updated Data Sharing Agreement

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mdek12.org



MISSISSIPPI
DEPARTMENT OF
EDUCATION

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VISION

To create a world-class educational system that gives students the knowledge and skills to be successful in college and the workforce, and to flourish as parents and citizens



MISSION

To provide leadership through the development of policy and accountability systems so that all students are prepared to compete in the global community



1

ALL Students Proficient and Showing Growth in All Assessed Areas



2

EVERY Student Graduates from High School and is Ready for College and Career



3

EVERY Child Has Access to a High-Quality Early Childhood Program

EVERY School Has Effective Teachers and Leaders

4



EVERY Community Effectively Uses a World-Class Data System to Improve Student Outcomes

5



EVERY School and District is Rated “C” or Higher

6



- **Equity in Digital Learning Act (2020) Assurances**
- **Meeting Data Collection Requirements**
- **EdTech Impact & Benefits**
- **District v. MDE Views**
- **New Data Sharing Agreement (DSA)**
- **Important Reminders and Resources**

- **Non-Technical:** The grantee will submit all required data and reports, as required and/or requested, to the State of Mississippi and the United States Department of Treasury.
- **Technical:** The grantee assures and agrees to fully participate in any surveys or other data collection regarding the performance/effectiveness of your district's digital learning program.



EdTech Impact

Measure student usage of digital applications and their impact on student success to help districts and schools

- Automate and simplify data collection
- Understand device and app usage by time and duration
- Understand which apps have **positive outcome on student achievement**
- Understand **return on investment**
- Identify needs for additional supports and training



Fiscal Decisions

- ROI for educational programs and apps
- Make new purchasing decisions
- Justify continued purchase of programs and apps



Student Outcomes

- View correlations between student assessment data and use of programs and apps
- Measure progress towards district-defined goals



Other Benefits

- Set technology goals
- Gain insights into student's device and program/app usage
- Create professional development plans

Recently, our district was considering purchasing an additional instructional technology application for our schools. We used the data available in our EdTech Impact dashboard to examine which applications teachers were using in their classrooms to help us decide whether to buy the new application, invest in the additional paid features of freemium applications already being used, or not buy anything at all. Thanks to EdTech Impact, we did not have to rely on anecdotal stories, data from other districts, or vendor presentations. **We were able to gauge our needs and teacher interests to make a decision without wasting valuable time and dollars on an application that may never be used.**

Erin Mason, Technology Coordinator | **Jackson Public School District**

OPTION #1












Districts sign the DSA and leverage the EdTech Impact Tool



OPTION #2

Districts that do not sign the DSA must provide the same data to MDE monthly

District v. MDE Views

EdTech Impact Features	MDE View	District/ School View
Filter to a District or School		
View data for by EdTech app		
Filter by grade or other demographics	State-Level View Only!	
Filter to individual sections or teachers		
Drill down to see individual students		
Assessment Data (The Impact Dashboard)		

Active Users ⓘ

93,381

This Week

This School Year: **128,072**

Active Sessions ⓘ

732,459

This Week

Down from **3,759,221** Last Week

Active Apps ⓘ

385








This Week

Down from **492 Apps** Last Week

Which apps are being used the most? ⓘ

ACTIVE APPS, SHOWING COUNT OF UNIQUE USERS, SESSION COUNT, DURATION, AND TIME OF DAY

DISTRICT NAME: All | SCHOOL NAME: All | SCHOOL YEAR: 2022-2023 | MONTH: All

APP NAME	# OF SCHOOLS USING APP	UNIQUE USERS	AVG WEEKLY SESSION COUNT PER STUDENT	MEDIAN SESSION DURATION	PEAK USAGE BY TIME OF DAY
 Google Docs	328	84,627	1.9	26 minutes	Morning
 Google Classroom	323	84,201	3.5	28 minutes	Morning
 Google Forms	325	82,653	1.3	18 minutes	Morning
 Youtube	328	78,223	1.6	21 minutes	Morning
 Quizziz	312	53,552	0.5	13 minutes	Morning
 Google Slides	311	53,331	1.5	20 minutes	Morning
 i-Readu	260	49,911	1.9	23 minutes	Morning

Filters



SAVED FILTERS

No Filters have been saved

! One or more filter fields are being ignored on this page.

DISTRICT

SCHOOL

GRADES

- | | | | |
|---------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> PreK | <input type="checkbox"/> 3rd Grade | <input type="checkbox"/> 7th Grade | <input type="checkbox"/> 11th Grade |
| <input type="checkbox"/> Kindergarten | <input type="checkbox"/> 4th Grade | <input type="checkbox"/> 8th Grade | <input type="checkbox"/> 12th Grade |
| <input type="checkbox"/> 1st Grade | <input type="checkbox"/> 5th Grade | <input type="checkbox"/> 9th Grade | |
| <input type="checkbox"/> 2nd Grade | <input type="checkbox"/> 6th Grade | <input type="checkbox"/> 10th Grade | |

ETHNICITY

- | | |
|---|--|
| <input type="checkbox"/> American Indian or Alaska Native | <input type="checkbox"/> Native Hawaiian or Other Pacific Islander |
| <input type="checkbox"/> Asian | <input type="checkbox"/> White |
| <input type="checkbox"/> Black or African-American | <input type="checkbox"/> Two or More Races |
| <input type="checkbox"/> Hispanic or Latino | |

GENDER

- Female Male Non-binary

504 STATUS

- Yes No

ENGLISH LEARNER

- Yes No

SPECIAL EDUCATION (IEP)

- Yes No

Some student records may be missing a Grade or Demographic value, so they will not be counted after a filter is applied.

Reset

Cancel

Apply

MDE is restricted to district and school filters.

Filter fields with pink headings are **ONLY** allowed in district dashboard. MDE cannot access such filters.

- Home
- Analytics
- Tools
- My Dashboards

- Account
- Help

Filters

SAVED FILTERS
No Filters have been saved

STUDENT GROUPS

- Daily Check
- Attendance Check
- IXL Math Group
- High Risk
- test group
- ABC Check
- new group
- blah
- Attendance Group
- My students

SCHOOL
Jupiter High School x

SECTION
Search for a section...

View as School Admin

GRADES

<input type="checkbox"/> PreK	<input type="checkbox"/> 3rd Grade	<input type="checkbox"/> 7th Grade	<input type="checkbox"/> 11th Grade
<input type="checkbox"/> Kindergarten	<input type="checkbox"/> 4th Grade	<input type="checkbox"/> 8th Grade	<input type="checkbox"/> 12th Grade
<input type="checkbox"/> 1st Grade	<input type="checkbox"/> 5th Grade	<input type="checkbox"/> 9th Grade	
<input type="checkbox"/> 2nd Grade	<input type="checkbox"/> 6th Grade	<input type="checkbox"/> 10th Grade	

ETHNICITY

<input type="checkbox"/> American Indian or Alaska Native	<input type="checkbox"/> Native Hawaiian or Other Pacific Islander
<input type="checkbox"/> Asian	<input type="checkbox"/> White
<input type="checkbox"/> Black or African-American	<input type="checkbox"/> Two or More Races
<input type="checkbox"/> Hispanic or Latino	

GENDER

Female Male Non-binary

504 STATUS

Yes No

Reset Cancel Apply

District view
(Image supplied by BrightBytes)






Roster ✕

What is the most recently used app by each student this week? ⓘ

MOST RECENTLY USED APP BY STUDENT

🔍 Search by first or last name

STUDENT NAME	GRADE	LAST APP USED	LAST SESSION DATE
<input type="checkbox"/> Abernathy, Shanta	6	 Google Classroom	Dec 5, 2020
<input type="checkbox"/> Abshire, Adah	6	 Scratch	Dec 4, 2020
<input type="checkbox"/> Balistreri, Christia	7	 Youtube	Dec 5, 2020

District view

(Image supplied by BrightBytes)

**Not actual student data in image*









Student Level Data: Permissions to view student data are controlled by the district (options include district, building, rostered, and none)

Which apps are having the greatest impact on students meeting their growth targets? ⓘ

PERCENTAGE OF STUDENTS MEETING GROWTH TARGETS, USERS COMPARED TO NON-USERS

ASSESSMENT NAME: NWEA MAP | ASSESSMENT SUBJECT: reading | ASSESSMENT TERMS: Fall-Winter | SCHOOL YEAR: 2019-2020

APP NAME	ASSESSED USERS	ASSESSED NON-USERS	% USERS MEETING GROWTH TARGETS ▲	% NON-USERS MEETING GROWTH TARGETS ▲	GROUP WITH HIGHER PERCENTAGE MEETING GROWTH TARGETS
 Quizziz	95	6	46.3%	16.7%	Users
 Quizlet	96	5	45.8%	20.0%	Users
 EDpuzzle	67	34	56.7%	20.6%	Users
 Khan Academy	82	19	47.6%	31.6%	Users
 Flocabulary	62	39	51.6%	33.3%	Users
 BrainPOP	67	34	49.3%	35.3%	Users

District view

(Image supplied by BrightBytes)

**Not actual student data in image*



Impact Dashboards: Compare app usage to benchmark assessment progress and growth target results

Which students are meeting their growth targets and experiencing the greatest progress on benchmark exams?

FOR THE SELECTED APP, USAGE METRICS ALONGSIDE STUDENT ASSESSMENT SCORES FOR THE SELECTED SUBJECT AND TERMS, INCLUDING WHETHER GROWTH TARGETS WERE MET AND THE AMOUNT OF PROGRESS MADE

ASSESSMENT NAME: iReady | ASSESSMENT SUBJECT: math | ASSESSMENT TERMS: Fall-Winter

APP NAME: Quizlet

Search by first or last name

STUDENT NAME	AVG. WEEKLY SESSION COUNT	AVG. WEEKLY SESSION DURATION	FALL 2019-2020 SCORE	WINTER 2019-2020 SCORE	FALL TO WINTER GROWTH TARGET	PROGRESS
Walker, Lanny	2.55	42.15 minutes	447	464	✓ Met	↗ +17
D'Amore, Antonina	2.17	27.46 minutes	477	493	✓ Met	↗ +16
Russel, Aline	1.35	25.79 minutes	435	480	✓ Met	↗ +45
Reinger, Sima	1.55	25.14 minutes	480	506	✓ Met	↗ +26
Hane, Shizuko	1.41	24.08 minutes	499	515	✓ Met	↗ +16

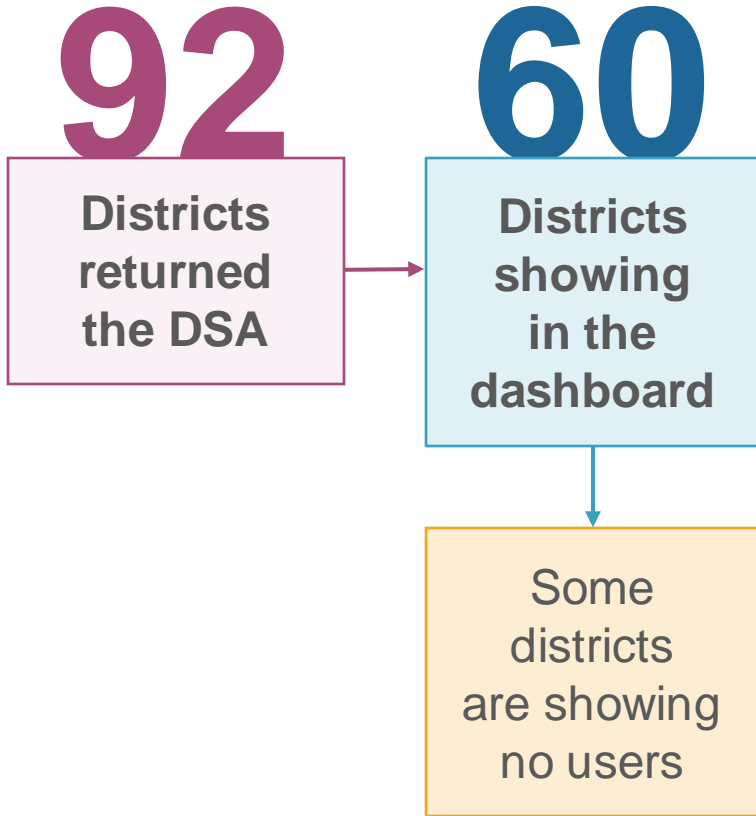
District view

(Image supplied by BrightBytes)

**Not actual student data in image*



Impact Dashboards: View across all apps or for individual apps by student



District Roster

How many active users does each district have? ⓘ

ACTIVE USERS THIS WEEK TO DATE AND THIS SCHOOL YEAR TO DATE, BY DISTRICT

APP NAME
All Apps

DISTRICT NAME	UNIQUE USERS (THIS WEEK TO DATE)	UNIQUE USERS (YTD)
[REDACTED]	1,067	1,375
[REDACTED]	776	953
[REDACTED]	989	1,242
[REDACTED]	1,300	2,266
[REDACTED]	1,085	1,764
[REDACTED]		611
[REDACTED]	1,404	2,216
[REDACTED]	1,598	1,759
[REDACTED]	1,417	2,280
[REDACTED]	1,520	1,924

- The new DSA has been vetted by MDE and Google, in collaboration with local attorneys.
- The DSA is between districts and Google, which recently acquired BrightBytes.
- MDE does not receive any private student or teacher data.
- This DSA will be in effect from the date of signature until September 2025.

- Districts and schools will have classroom and student level reporting on the use of EdTech services and supports.
- The DSA provides clarity regarding the limited and aggregated view of these data at the school and district level that will be shared with MDE.





DSA available
October 2022
via multiple
channels

Approve and
return DSAs
to Google/
BrightBytes by
**December 1,
2022**

Work with
Google/
BrightBytes
to establish
the link to
share the
data no later
**February 10,
2023**



MISSISSIPPI CONNECTS



mdek12.org/MSConnectsTech

**Districts that do not
(1) sign the DSA
and
(2) implement the data connection
must provide the same data
monthly to MDE, based on the signed
EDLA Assurances!**



Questions?



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