



MICHIGAN DataHub

MiLearn Technical Setup

John Price - MDE

Kevin Bullard - MiDataHub





Statewide collaboration in a snapshot

- ▶ **State Agencies**

- ▶ Michigan Department of Education (MDE)
- ▶ Center for Educational Performance and Information (CEPI)

- ▶ **Intermediate School Districts (ISDs and RESAs)**

- ▶ Career & Technology Education
- ▶ Countywide Special Ed Systems
- ▶ Early Childhood
- ▶ Technology Support (DHSS, METL, and more)

- ▶ **Associations**

- ▶ Michigan Association of Intermediate School Districts (MAISA)
- ▶ Michigan Association of School Administrators (MASA)
- ▶ Michigan School Business Officials (MSBO)
- ▶ Elementary and Secondary Principal Groups



Michigan Linked Educational Assessment Reporting Network



Collaboration

- MDE, MiDataHub, ESCs, Districts, SIS Vendors



Trust

- System is optional for districts
- Districts provide student class roster information to MDE that isn't mandated



Value

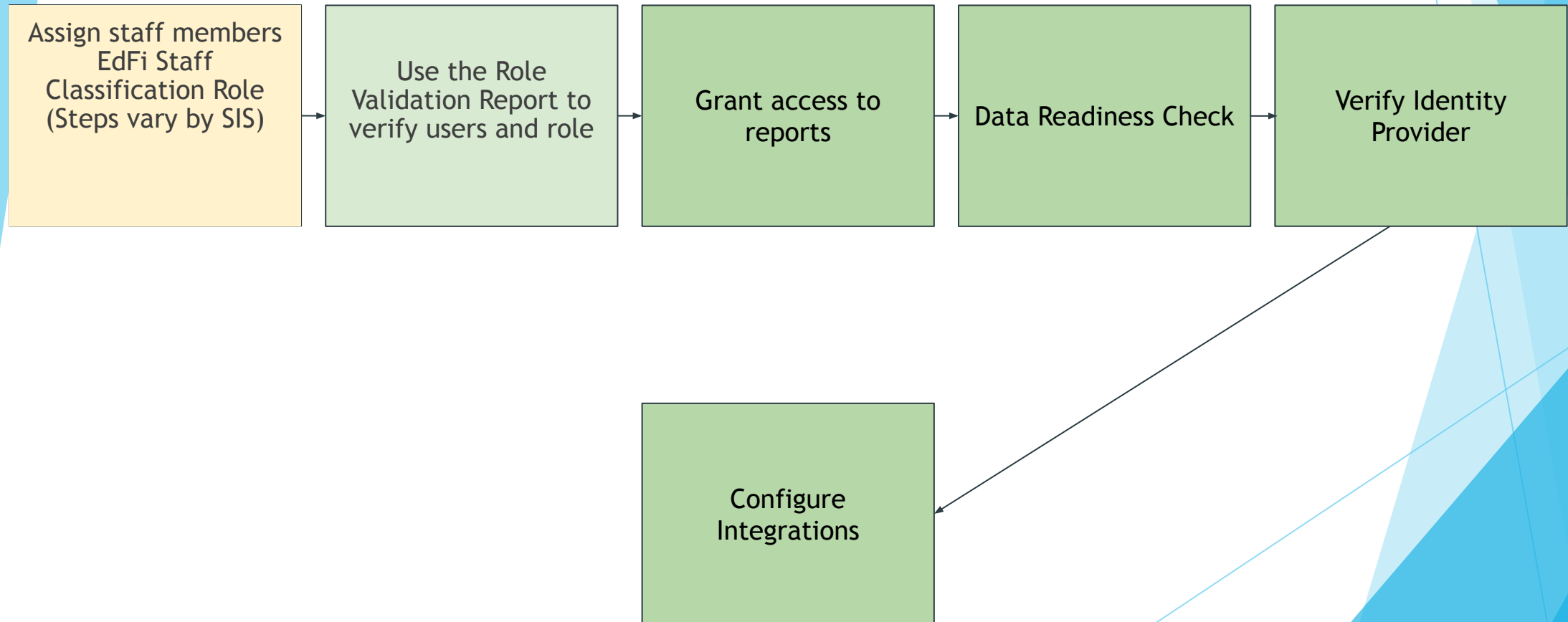
- Parents, students and educators can access their M-STEP, PSAT, and SAT test scores for multiple years
- Access is single sign-on from SIS parent/student portals and teacher gradebooks



MiLearn benefits:

- Provide state assessment results to students, parents, and educators electronically
- Log in authentication is handled by the SIS
 - PowerSchool
 - MISTAR-Q
 - Skyward
 - Synergy
 - Infinite Campus
- Rostering data is updated nightly (Including schedule changes, enrollments, withdrawals)
- Transfer student state assessment results are available the next day

MiDataHub cockpit - Groundwork



How does MiLearn receive data?



MiDataHub cockpit - Authorize the MiLearn DSA

Michigan Data Hub > Anonymized Districts > Training_Site_for_2025 > Agreement List

Hello kevin.bullard@kresa.org! Log off

MiDataHub Agreements

Agreement Title	Version	eSignature Status	Date Signed	Date Expires	eSigner	Action
MICIP Opt-In Agreement	1	Pending				View Agreement
Data Hosting Agreement Waiver	1	Pending				View Agreement
Data Hosting Agreement	6	Pending				View Agreement Prerequisite
Read by Grade 3 Opt-In Agreement	1	Pending				View Agreement
MiLEARN Opt-In Agreement	4	Pending				View Agreement

Michigan Data Hub > Anonymized Districts > Training_Site_for_2025 > Agreement List

Hello kevin.bullard@kresa.org! Log off

MiLEARN Opt-In Agreement

Pending

MiLEARN Opt-In Agreement 1 / 14 89%

MICHIGAN DEPARTMENT OF EDUCATION
FOR
DYNAMIC REPORTING PROJECT (MI-LEARN)

1. Introduction

This Data Sharing Agreement (DSA) is between the Training Site for 2025 (Local District) and the Michigan Department of Education (MDE). Local District and MDE are collectively referred to as the parties.

The Local District is the party that is disclosing data under this DSA. The MDE is the party that is collecting or receiving data from the Local District under this DSA.

This DSA establishes the conditions under which Local District agrees to disclose data as specified in Schedule A to MDE and it provides for the protection of that data. It also identifies the responsibilities of each party and establishes terms governing the use, disclosure, and disposition of the data.

2. Purpose

The data will be used by the MDE only as is expressly agreed upon by the parties under this DSA. Access to the data by any party or for any purpose not identified in this DSA is strictly forbidden. Data provided by the Local District remains the property of the Local District.

MDE will use the data for the purpose of implementing the MDE Dynamic Reporting Project (MI-LEARN). This project will use state-housed assessment data as well as relationship data obtained from the data hubs, or if data hubs are not utilized from the local districts, to report state assessment data to parents, students, and educators via their student information

Download

This document was drafted by legal counsel for particular parties, under particular circumstances, with the respective parties providing conflict waivers for its drafting. This document has not been reviewed on your district's behalf, and you are encouraged to seek separate legal review.

- I have read and accepted the terms of the agreement.
- I do not accept the terms of the agreement.

Superintendent or Proxy



Role Validation Report

Michigan Data Hub > Anonymized Districts > Training Site for 2025 Hello kevin.bullard

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ Features ▾

Manage District: Training Site for 2025

View District Reports
Manage Custom Exports

Region: Michigan Data Hub
ISD/Intermediate District Code: Anonymized Districts
District: Training Site for 2025, Id: 1051, Code: 900059
District Type: LEA

Michigan Data Hub > Anonymized Districts > Training Site for 2025

District Reports

Cockpit Usage

Outbound Integration Reports

Data Hub Performance

Data Quality

- At-A-Glance ?
- EEM Entity Mapping ?
- MiDX Population ?
- Role Validation ?**

Role Validation

District Name: Training Site for 2025 School Year: 2024-2025

1 of 1 100% Find | Next

Role Validation Report for Training Site for 2025

As of: 10/11/2024 2:31:13 PM Total pages: 1

Full Name	E-Mail Address	Position Title	Staff Classification Descriptor	Staff Classification Type	Dashboard Staff Category
Training Site for 2025 (900059)					
MAYRA ALANIZ	mayra.alaniz@edfi.org	LEA Administrator	LEA Administrator	LEA Administrator	LEA Administrator
PAULETTE FERRARA	paulette.ferrara@edfi.org	Instr Coordinator and Supervisor to the Staff	Instructional Coordinator and Supervisor to the Staff	Instructional Coordinator and Supervisor to the Staff	Instructional Coordinator and Supervisor to the Staff
LEEZA FULLERTON	leeza.fullerton@edfi.org	LEA Administrator	LEA Administrator	LEA Administrator	LEA Administrator
KRISINA HOUSLEY	krisina.housley@edfi.org	LEA Administrator	LEA Administrator	LEA Administrator	LEA Administrator
KRISINA HOUSLEY	krisina.housley@edfi.org	School Administrator	School Administrator	School Administrator	School Administrator
		Student Support	Student Support	Student Support	Student Support

Grant educator access to MiLearn

Michigan Data Hub > Anonymized Districts > Training Site for 2025

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ **MiLearn ▾** Features ▾

Manage District: Training Site for 2025

Regi
ISD/Intermediate District Code: Anonymized Districts
District : Training Site for 2025. Id: 1051. Code: 9

Authorizations
Compatibility Checks
Identity Provider

	Teacher	LEA Administrator	Other	School Administrator	School Co
		All schools in my district ▾	No Access ▾	All classes in my school ▾	All classes in r
		<input type="checkbox"/> Select All	<input type="checkbox"/> Select All	<input type="checkbox"/> Select All	<input type="checkbox"/> Sele
ELMB	Early Literacy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	ISR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Select All				
	Early Literacy Student Roster	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Select All				
	Early Literacy Domain Analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MiLearn Access Levels

- ▶ **Only myself:** Has rights to see reports displaying information about the user. (This is the default setting for Students.)
- ▶ **Only my child(ren):** Has rights to see reports displaying information about the user's child or children. (This is the default setting for Parents.)
- ▶ **Only my classes:** Has rights to see reports displaying information about the user's assigned classes or sections, including each student assigned to those classes or sections. (This is a typical setting for Teachers.)
- ▶ **All classes in my school:** Has rights to see reports displaying information about all classes and students assigned to the user's school. (This is a typical setting for Principals and Counselors.)
- ▶ **All schools in my district:** Has rights to see reports displaying information about all classes and students within the user's district. (This is a typical setting for Superintendents.)
- ▶ **No access:** User has no access to view any data or reports. (This could be used for staff with no educational need to know student data)

Compatibility Checks

Michigan Data Hub > Anonymized Districts > Training Site for 2025

Agreements ▾ Inventory ▾ Reports ▾ Utilities ▾ MiLearn ▾ Features ▾

Manage District: Training Site for 2025

Regi

ISD/Intermediate District Code: Anonymized Districts

District: Training Site for 2025 Id: 1051 Code: 9

- Authorizations
- Compatibility Checks
- Identity Provider

Michigan Data Hub > Districts > Edinboro Public School District > Compatibility Checks - MiLearn

Hello kevin.bullard@tresia.org | Log off

District Compatibility for MILEARN

Convenience Links:
Role Validation Report

[Auto-Configure](#)
A Sections data delivery configuration already exists and the record is active

Agreements

- Data Hub Data Hosting Agreement - Data Hosting Agreement with status Accepted signed by margaret.hendrickson@frok12.net on 02/27/2023, Data Hosting Agreement with status Superseded, Data Hosting Agreement with status Superseded
- MiLearn Feature Agreements

Data Extractors

- Data Extractors - All - 2 rules passed
 - Relationship metadata extractor - MILEARN-Sections Data (current) is active. (Required)
 - Authorizations extractor - MILEARN-Authorizations Data integration present

Data Population

- Course data - 4928 rows
- Course Offering data - 2769 rows
- Descriptor data - 60 rows
- Job Title Access Level data - 22 rows
- Dynamic Report Job Title data - 56 rows
- Education Organization data - 19 rows
- Grade Level Descriptor data - 16 rows
- Local Education Agency data - 1 rows
- Parent data - 13382 rows
- Participation Status data - 1 rows
- School data - 18 rows
- Section data
- Session data - 100 rows
- Staff data - 1592 rows
- Staff Education Organization Assignment Association data - 2539 rows
- Staff Section Association data - 8037 rows
- Students data - 11143 rows
- Student Parent Association data - 19939 rows
- Student School Association data - 65923 rows

District Compatibility for MiLEARN

Role Validation Report

[Auto-Configure](#)
A Sections data delivery configuration already exists and the record is active

Agreements

- Agreements - All - 2 rules passed

Data Extractors

- Data Extractors - All - 2 rules passed
 - Relationship metadata extractor - MILEARN-Sections Data (current) is active. (Required)
 - Authorizations extractor - MILEARN-Authorizations Data integration present

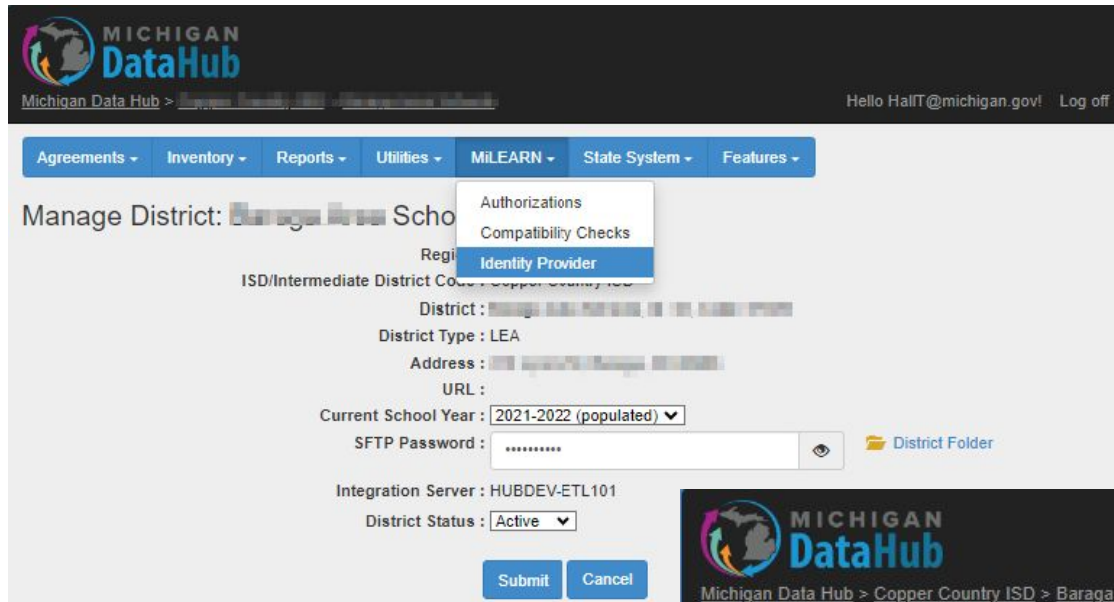
Data Population

- Data Population - Current Year - 22 rules passed

SIS Readiness

- SIS Readiness - All - 1 rule passed

Set or Update Identity Provider



MICHIGAN DataHub
Michigan Data Hub > Copper Country ISD > Baraga Area Schools

Hello HalIT@michigan.gov! Log off

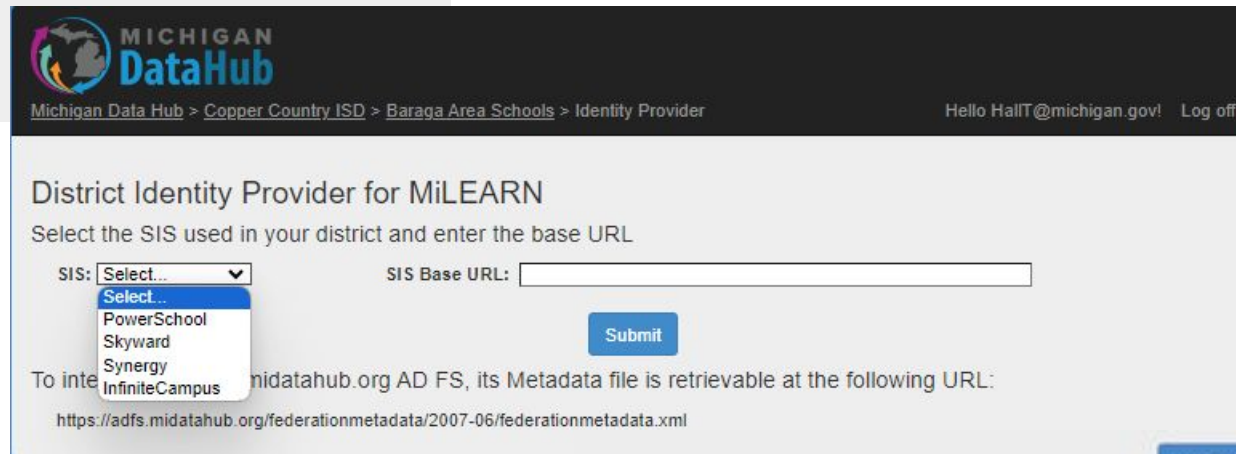
Agreements - Inventory - Reports - Utilities - MiLEARN - State System - Features -

Manage District: Baraga Area Schools

- Authorizations
- Compatibility Checks
- Identity Provider**

Registration Information:
ISD/Intermediate District Code: Copper Country ISD
District: Baraga Area Schools, LEA, MI, 49801
District Type: LEA
Address: 10000 Copper Country Rd, Copper Country, MI 49801
URL:
Current School Year: 2021-2022 (populated) v
SFTP Password:
Integration Server: HUBDEV-ETL101
District Status: Active v

Submit Cancel



MICHIGAN DataHub
Michigan Data Hub > Copper Country ISD > Baraga Area Schools > Identity Provider

Hello HalIT@michigan.gov! Log off

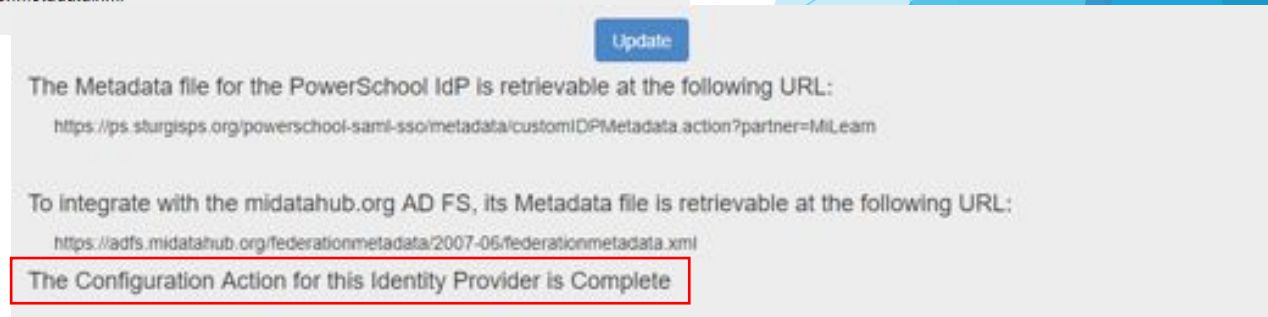
District Identity Provider for MiLEARN

Select the SIS used in your district and enter the base URL

SIS: Select...
SIS Base URL: _____

Submit

To integrate with the midatahub.org AD FS, its Metadata file is retrievable at the following URL:
<https://adfs.midatahub.org/federationmetadata/2007-06/federationmetadata.xml>



Update

The Metadata file for the PowerSchool IdP is retrievable at the following URL:
<https://ps.sturgisps.org/powerschool-saml-ssoi/metadata/customIDPMetadata.action?partner=MiLearn>

To integrate with the midatahub.org AD FS, its Metadata file is retrievable at the following URL:
<https://adfs.midatahub.org/federationmetadata/2007-06/federationmetadata.xml>

The Configuration Action for this Identity Provider is Complete

Configure MiLearn Integrations

Authorizations Integration

The screenshot shows the Michigan DataHub interface for configuring MiLEARN authorizations. The breadcrumb trail is: Michigan Data Hub > > MiLEARN Authorizations. The page title is "District Authorizations for MiLEARN".

Authorizations for Reports

Below is a table of the Ed-Fi staff classifications used in Sturgis Public Schools for the 2020-2021 school year, along with the reports available in MiLEARN

Please do the following to save your configurations:

1. In the header row, select the appropriate access level for student information in MiLEARN for each Ed-Fi staff classification.
2. In the table cells, check/uncheck the reports that the Ed-Fi staff classification is authorized to view.
3. Click the Submit button.

An "Auto-Configure" button is highlighted with a dashed box. A tooltip text reads: "Clicking the 'Auto-Configure' button will automatically create an Authorizations data delivery configuration per default settings and activate delivery".

Sections Integration

The screenshot shows the Michigan DataHub interface for checking MiLEARN compatibility. The breadcrumb trail is: Michigan Data Hub > St. Joseph County ISD > Sturgis Public Schools > Compatibility Checks - MiLEARN. The page title is "District Compatibility for MiLEARN".

Convenience Links:
[Role Validation Report](#)

An "Auto-Configure" button is highlighted with a dashed box. A tooltip text reads: "One or more compatibility check is unsatisfactory".

Agreements
✔ Agreements - All - 2 rules passed

SIS Navigation



Analysis	
Attendance	Student Pulse
Behavior	District Pulse
Enrollment	Illuminate DNA
Food Service	State Assessment Data
Food Service PoS	Reports
Health	
Marks	
Programs	
Schedule	
School	
SpedForms	
Staff	
State Reporting	
System	
Testing	



https://skyward

Public Schools

Home Teacher Access Account Preferences Exit ?

SKYWARD

Educator Access Plus Home Favorites New Window My Print Queue

Jump to Other Dashboards	My Print Queue	Jump to Other Systems
Skyward User Reset Dashboards NEW Select Widgets	Job Status Attendance Summary Report Completed Grade Sheet Report Completed Grade Sheet Report Completed	State Assessment Data

Favorites
No favorites available.

District News

Recent Programs
EA Plus Home WAEP



Applications Close

Applications	Description
State Assessments	State Assessments Data



Infinite Campus

Instruction

Control Center

Custom Links and Reports (2)

State Assessment Data Instruction
Student Account Teacher



Support - Placing a ticket

PriceJ2@Michigan.gov

DavisT54@Michigan.gov

MDE-OEAA@Michigan.gov

Product Catalog



Log in | MiLaunchPad

Log in | Basecamp

Search



[What is MiDataHub?](#)

[Who Benefits?](#)

[Product Catalog](#)

[Support](#)

[Documentation](#)

[MIDATAHUB CONFERENCE](#)

MiLearn

Integration Status: *Production*

Product/Initiative: *Initiative*

System: *State of Michigan System*

Vendor/Sponsor/Owner: Sponsor - MiLearn

Contact:

John Price, Project Manager, Project Management Office, Michigan Department of Education Price.J2@michigan.gov

Documentation Links:

[Welcome to MiLearn](#)

[MiLearn Available Reports by Audience](#)

[How to access Infinite Campus Assessment Reports through MiLearn](#)

[How to access PowerSchool State Assessment Reports through MiLearn](#)

[How to access Skyward State Assessment Reports through MiLearn](#)

*For information on how to access MISTAR-Q and Synergy Reports through MiLearn, please contact [MISTAR-Q](#) and [Synergy](#).

What are the advantages to MiLearn?

- Immediate and direct access to assessment reports when they are released
- Secure access to assessment data through SIS for students, parents, and educators anytime
- Educator view of students reflects the current roster including student transfers
- Enhances conversations between parents and educators regarding student learning and streamlines communications.

How does MiLearn work?

Data

- District SIS relationship and authorization data is loaded and updated nightly via the Michigan Data Hub
- Assessment data is loaded from the Michigan Secure Site

Questions?