



Welcome!

The training will begin shortly





U.S. Department of the Interior
Bureau of Indian Education

BIE Data Interaction Reporting

Summer 2026



Housekeeping

- All participants should remain on mute with their video off.
- Post all questions to the chat.
 - Questions will be addressed at each section break.
- Please add your name, email, and school to the chat.
- This training will be recorded.
- The recording will be posted to the Help & Support site.



Welcome & Introductions

Bureau of Indian Education (BIE)

- Aurelia Shorty, Education Program Specialist, Project Manager for Science
- Carmelia Becenti, Chief Academic Officer
- Donald Griffin, Section 504 Program Coordinator, Project Manager for MSAA

Cognia

- Sarah Parker, Senior Program Manager
- Sarah McCain, IT Project Manager II

eMetric

- Gerry Retzloff, Project Manager
- Michael Bernal, Support Center Manager



BIE Science and MSAA Assessment Reporting in Data Interaction

Gerry Retzloff, eMetric

Agenda

- Terms and Acronyms
- What Kind of Information is Available in Data Interaction?
- Key Dates
- Account Types and Accessing Data Interaction Reports in the Portal
- Generating Reports and Using Tools in Data Interaction
 - Student List
 - Summary Reports
 - Data Tools
 - Other features
- Demo
- Additional Training Resources



Terms and Definitions

- **BIE Science Assessments Portal** (aka “Portal”): website serving as entry point for online testing and reporting for BIE Science assessments and MSAA reporting
 - bie.cognia.org (viewable on desktop and mobile device)
- **iTester**: eMetric online test administration system used with BIE Science assessments (Summative and Benchmark Science), accessed via the Portal
- **Data Interaction**: eMetric reporting system for educators, accessed via the Portal



BIE Science Assessment Online System

Online System

Administration and Reporting Portal

<https://bie.cognia.org>

Test Delivery
Student Test Interface

Users

Reporting

Reporting Portal for BIE
Science Assessment and
MSAA Alternate Assessment,
both!

Site Setup

Transfer

Sessions

Scoring

Kiosk

Browser



Key Dates

Key Reporting Dates

Spring 2026 BIE General Science reports in DI	Jun 26, 2026
Spring 2026 MSAA (Alternate) ELA, Math, & Science reports in DI (includes ISR PDFs)	Jul 13, 2026
Spring 2026 BIE General Science ISRs PDFs in DI	Jul 15, 2026
Spring 2026 BIE General Science Print Reports in Schools	August 5, 2026



Access

- <http://bie.cognia.org>
- Open all year, previous accounts can be used this year
- If you are a new School Test Coordinator, please contact BIE. Upon account creation, a welcome email will be sent from the portal.
 - STCs will create all new portal user accounts
 - Usernames must be unique
 - Your email address controls your account
 - New users will receive an automated email with username and link to update account from bietechsupport@cognia.org
- When an account is deactivated or reactivated, the user will receive an email
- STCs should periodically audit and deactivate user accounts

User Role	Responsibilities
School Test Coordinator (STC)	• Manage Users (add, edit, or deactivate) • Access proctor password • Edit student information & assign student accommodations • Create, edit, and delete classes • Schedule test sessions & print logins • Manage & monitor test sessions • Assign test report code • Prepare IT network for student testing if there is no IT Coordinator • <i>View Science, MSAA, and Science Benchmark results in Data Interaction</i>
IT Coordinator (ITC)	• Prepare IT network for student testing • Conduct Site Readiness testing
Test Administrator (TA)	• Create classes • Create test sessions • View their students and test sessions • Print student login tickets for their test sessions • Manage & monitor test sessions • Assign test report codes • Score human scored items for Benchmark tests • <i>View Science Benchmark results in Data Interaction</i>
Report Access Only (RAO)	• <i>View Science, MSAA, and Science Benchmark results in Data Interaction</i>

Portal Log-in



Portal URL: <https://bie.cognia.org/>

Welcome!

Bureau of Indian Education Science Assessment



Log In

eMetric

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Portal Main Page (STC View)



1



2

Users

Downloads

3

STC Demo

4

Help & Support

5

Log Out

Welcome to BIE Science Assessments

6



Administration

Organize students for testing, schedule tests, and monitor testing progress.

7



Reporting

View summary and individual student results by test and content standards.

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Icon	Description
1	BIE logo returns to portal home page
2	Access User Management
3	View & Edit user profile
4	Access the BIE Help & Support Site
5	Logout of the portal
6	Access Administration Component
7	Access Reporting

What is Available in Data Interaction?

- Reports available:
 - Roster (with customizable fields that vary with program)
 - Individual Student Report (the layout is different from the Cognia paper ISR)
 - Summary reports
 - Data tools
 - Summary
 - Distribution
 - Cross-Tab
 - Scatter plot (MSAA only)
 - Filters
- User Tools:
 - Student search
 - Save reports
 - Share reports
 - Download reports
 - Download paper ISR in pdf file
 - User activity log
 - Help guide



Data Interaction Main Page (MSAA View)

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[Shared Reports](#) [Download Center](#) [Help](#) [Saved Reports](#) **Gerry Retzloff** ▼

[Back to BIE Science Assessment Portal](#)

Program: MSAA (Alternate Assessment) ▼

Report: Performance Summary View ▼

Admin: ✓ 2025 2024 2023 2022

Grade: ● Grade 3 Grade 4 Grade 5 Grade 6 Grade 7 Grade 8 Grade 11

Organization 0 selected

BIE State

Bureau Operated Schools-BOS ▼

Navajo Area-NAV ▼

Tribally Controlled Schools-TCS ▼

[Get Report](#)

Select Program:

- MSAA (Alternate Assessment)
- Science (General Education)
- Science Benchmark

Select Report:

- Performance Summary
- Roster
- Data Tools

Select Organization:

- BIE State: BIE summary level data only
- BOS, TCS or NAV: summary level data only
- School name: school summary data and any student in school

Data Interaction Main Page (Science View)

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[Back to BIE Science Assessment Portal](#)

Program: Science (General Education) ▼

Report: Performance Summary View ▼

Admin: ✓ 2025 2024 2023 2022

Grade: ● Grade 5 Grade 8 Grade 11

Organization 0 selected

BIE State

Bureau Operated Schools-BOS ▼

Navajo Area-NAV ▼

Tribally Controlled Schools-TCS ▼

Select Program:

- MSAA (Alternate Assessment)
- Science (General Education)
- Science Benchmark

Select Report:

- Performance Summary
- Roster
- Data Tools

Select Organization:

- BIE State: BIE summary level data only
- BOS, TCS or NAV: summary level data only
- School name: school summary data and any student in school

Data Interaction Main Page



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Program: Science (General Education) ▾

Report: Performance Summary View ▾

Admin: ✓ 2025 2024 2023 2022

Grade: ● Grade 5 Grade 8 Grade 11

Organization 0 selected

BIE State

Bureau Operated Schools-BOS ▾

Navajo Area-NAV ▾

Tribally Controlled Schools-TCS ▾

[Get Report](#)

Other Tools:

- Shared Reports: Reports shared by other users
- Download Center: retrieve large file downloads here (i.e., 100+ ISR PDFs) or zip files with paper ISRs in PDF files
- Help guide
- Save report: Reports you saved
- Search for specific student by name or student ID (NASIS ID)

Performance Summary - Table



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Bureau of Indian Education

Help ? Bureau School ▾

[Back to BIE Science Assessment Portal](#)

Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Options

Save

Download

Table

Chart

Transpose

			Science				
Group	Admin	Grade	Tested	Novice	Nearing Proficiency	Proficient	Advanced
				%	%	%	%
Cyber Valley School 1-SCHCV1	2022	Grade 5	9	44	56	0	0

Organization Stats Disaggregate Filter

Subjects

Select All / Reset

	Tested	Average Scale Score	% in Each Achievement Level	% in Each Performance Indicator
Science	☒	☐	☒	-
Physical Sciences	☐	☐	☐	☐
Life Sciences	☐	☐	☐	☐
Earth and Space Sciences	☐	☐	☐	☐

Groups Per Page 20

Cancel Update

Organization Stats Disaggregate Filter

Subgroups

Gender LEP S

Groups Per Page 20

Jump to: 1 Go

Organization Stats Disaggregate Filter

Add Filter Reset

Showing students who are ▾

Relationship ☒ And ☐ Or

Groups Per Page 20

Cancel Update

Performance Summary - Table

Disaggregated by Gender and show % of students in each Performance Indicator



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Bureau of Indian Education



?

Help

Bureau School

Back to BIE Science Assessment Portal

Options

Save

Download

Table

Chart

Transpose

Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Group	Admin	Grade	Science					Physical Sciences			Life Sciences			Earth and Space Sciences		
			Tested	Novice	Nearing Proficiency	Proficient	Advanced	Below	At/Near	Above	Below	At/Near	Above	Below	At/Near	Above
				%	%	%	%	%	%	%	%	%	%	%	%	%
Cyber Valley School 1-SCHCV1	2022	Grade 5	9	44	56	0	0	89	11	0	78	22	0	78	22	0
Male	2022	Grade 5	4	50	50	0	0	75	25	0	50	50	0	75	25	0
Female	2022	Grade 5	5	40	60	0	0	100	0	0	100	0	0	80	20	0

Click on the blue text to disaggregate or drill to roster

Page 1 of 1

Jump to:

1

Go

Save Report



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Help 

Bureau School 

[Back to BIE Science Assessment Portal](#)

Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Options 

Save 

Download 

Table 

Chart 

Transpose 

Folder: My Saved Reports 

Save this report as:

Save

 Female all Demographics and PLs  

 Gender, Ave SS, PI  

< Page 1 of 1 >

Jump to:

Go

Share Report

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Bureau of Indian Education

Back to BIE Science Assessment Portal

Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Options Save Download Table Chart Transpose

Folder: My Saved Reports

Save this report as:

Gender, Ave SS, PI

Save

Female all Demographics and PLs

Page 1 of 1

Jump to: 1

Share Report

Organization 1 selected (clear)

Search

- ✓ Cyber Valley School 1-SCHCV1
- Cyber Valley School 1-SCHCV1
- Cyber Valley School 2-SCHCV2

Share Cancel

Group	Admin	Grade	Test
Cyber Valley School 1-SCHCV1	2022	Grade 5	9
Male	2022	Grade 5	4
Female	2022	Grade 5	5

Download Report

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Help Bureau School

Back to BIE Science Assessment Portal

Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Options Save Download Table Chart Transpose

Group	Admin	Grade	Test Score	Science				Physical Sciences			Life Sciences			Earth and Space Sciences		
				Novice	Nearing Proficiency	Proficient	Advanced	Below	At/Near	Above	Below	At/Near	Above	Below	At/Near	Above
Cyber Valley School 1-SCHCV1	2022	Grade 5	9					%	%	%	%	%	%	%	%	
Male	2022	Grade 5	4					11	0	78	22	0	78	22	0	
Female	2022	Grade 5	5					25	0	50	50	0	75	25	0	
								0	0	100	0	0	80	20	0	

Download Report

Download ☒ PDF ☐ CSV ☐ EXCEL

Report Name

Layout ☒ Landscape ☐ Portrait

Pages ☒ Current Page ☐ All ☐ Custom

Download

Page 1 of 1 Jump to: 1



Download Center



[Back to BIE Science Assessment Portal](#)



Bureau School ▼

Created For Me

Created By Me

No Queued PDF's available for download.

Download Center

Online Reporting by
Data Interaction™

Back to New Mexico Portal

Queued PDF

help Recent Admin eMetric ▼

	Report Name	Status	Date	Pages
	All BOY G3	queued	08/06/2021 22:51:21	5747

File is being generated

Online Reporting by
Data Interaction™

Back to New Mexico Portal

Queued PDF

help Recent Admin eMetric ▼

	Report Name	Status	Date	Pages
	All BOY G3	finished	08/06/2021 22:51:21	5747

File is complete and ready for download

Performance Summary – Chart



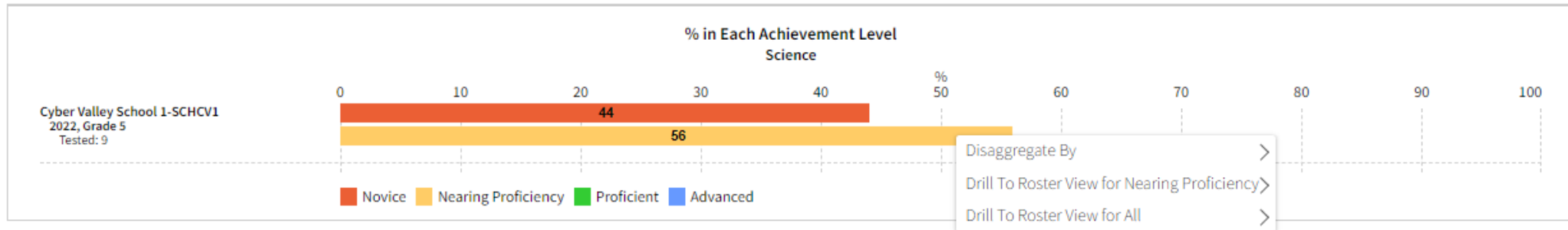
Bureau School ▼

[Back to BIE Science Assessment Portal](#)

Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5



Sort By: None ▼



Performance Summary – Transpose



Bureau School ▼

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Performance Summary View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5



Group	Subject	Admin	Grade	Tested	% in Each Performance Indicator		
					Below	At/Near	Above
					%	%	%
Cyber Valley School 1-SCHCV1	Science	2022	Grade 5	9			
Cyber Valley School 1-SCHCV1	Physical Sciences	2022	Grade 5		89	78	78
Cyber Valley School 1-SCHCV1	Life Sciences	2022	Grade 5		11	22	22
Cyber Valley School 1-SCHCV1	Earth and Space Sciences	2022	Grade 5		0	0	0

Roster

- Options: choose fields and score data you want to view (demographic data, test data, reporting categories, etc.)
- Save: save the report to retrieve it later without having to add or remove fields and sorting
- Download: download the data you are looking at in excel, csv or PDF
- Student: view the student's ISRs

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Bureau of Indian Education

Back to BIE Science Assessment Portal

Roster View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Help

Options Save Download Roster Student

Last Name	First Name	Scale Score	Achievement Level
Forty	Student	548	Nearing Proficiency
Fortyfour	Student	535	Novice
Fortyone	Student	549	Nearing Proficiency
Fortythree	Student	542	Novice
Fortytwo	Student	550	Nearing Proficiency
Thirtyeight	Student	549	Nearing Proficiency
Thirtynine	Student	541	Novice
Thirtyseven	Student	558	Nearing Proficiency
Thirtysix	Student	537	Novice

Page 1 of 1
Displaying 1-9 of 9

Jump to: 1 Go

Roster



Bureau School ▾

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Roster View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

- Forty
- Fortyfour
- Fortyone
- Fortythree
- Fortytwo
- Thirtyeight
- Thirtynine
- Thirtyseven
- Thirtysix

Last Name

First Name

Student

Student

Student

Student

Student

Student

Student

Student

Student

Organization

Fields

Scores

Search

Filter

✕

^ General Information

Select All / Reset

District Name

District Number

School Name

School Number

^ Student Information

Select All / Reset

Middle Initial

Student ID

Date of Birth

Student Grade

^ Demographics

Select All / Reset

Gender

LEP

Special Education

FAY

Groups Per Page

20

▼

Cancel

Update

Individual Student Report



Help Recent

[Back to BIE Science Assessment Portal](#)

Individual Report : Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Drill To Selection: Students whose Last Name is Thirtyseven, First Name is Student

Options

Save

Download

Roster

Student

Thirtyseven, Student

Student ID: 100000037

District Name: Cyber Valley District-CVD

School Name: Cyber Valley School 1-SCHCV1

Date of Birth: 01/09/1999

Student Grade: Grade 5

Score Results	Scale Score	Achievement Level	Performance Indicator
Science	558	Nearing Proficiency	
Physical Sciences			At/Near
Life Sciences			At/Near
Earth and Space Sciences			Below

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Jump to: 1 Go

Roster Summarize and Distribute Options



Back to BIE Science Assessment Portal

Roster View: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5

Last Name		First Name	Scale Score	Science	Achievement Level
Forty		Student	548		Nearing Proficiency
Fortyfour		Student	535		Novice
Fortyone		Student	549		Nearing Proficiency
Fortythree		Student	542		Novice
Fortytwo		Student	550		Nearing Proficiency
Thirtyeight		Student	549		Nearing Proficiency
Thirtynine		Student	541		Novice
Thirtyseven		Student	558		Nearing Proficiency
Thirtysix		Student	537		Novice

Sort >

Summarize

Summarize By >

Distribute

Distribute By >

Gender

LEP

Special Education

FAY

Data Tools - Summarize



[Back to BIE Science Assessment Portal](#)

Summary Statistics: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5



Science Scale Score

Population	Valid N	Mean	S.D.	Minimum	Maximum
9	9	545.4	7.3	535	558

Data Tools - Distribute



[Back to BIE Science Assessment Portal](#)

Frequency Distribution: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5



Science Scale Score



Data Tools – Cross Tab



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Bureau of Indian Education



Help

[Back to BiE Science Assessment Portal](#)

Cross-Tab: Science (General Education), Cyber Valley School 1-SCHCV1, 2022, Grade 5



Options



Save



Download



Summarize



Distribute



Cross-Tab

Physical Sciences Performance Indicator by Life Sciences Performance Indicator

Number Tested



Life Sciences Performance Indicator	Physical Sciences Performance Indicator			Total
	Below	At/Near	Above	
Below	7	0	0	7
At/Near	1	0	0	2
Above	0	0	0	0
Total	8	1	0	9

Drill To Roster View >

Shared Reports

The screenshot displays the Bureau of Indian Education Science Assessment Portal. The header includes the U.S. Department of the Interior logo, the text "Bureau of Indian Education", and navigation links for "Shared Reports", "Download Center", "Help", and "Saved Reports". The "Bureau Reports" dropdown menu is open, showing a search bar and a list of reports. The "Organization" dropdown is set to "Cyber Valley School 1-SCHCV1". The "Report" dropdown is set to "Performance Summary". The "Admin" dropdown is set to "2022". The "Grade" dropdown is set to "Grade 3". The "Get Report" button is visible at the bottom right.

U.S. Department of the Interior
Bureau of Indian Education

Shared Reports Download Center Help Saved Reports Bureau Reports ▼

Back to BIE Science Assessment Portal

Program: MSAA (Alternate Assessment)

Report: Performance Summary

Admin: 2022

Grade: Grade 3

No Org available.

Organization: Cyber Valley School 1-SCHCV1

Female all Demographics and PLs

Please enter at least 4 characters

Get Report

Downloading the Paper ISR in a .PDF File

In the *Download Center*, *Created For Me* menu, you can download a zip file containing pdf files of the paper ISR!

[← Back to BIE Science Assessment Portal](#)

Created By MeCreated For Me

Program:MSAA (Alternate Assessment)▼

Report:ISR pdf▼

Year:

● 2022

Organization: Demo School 1

Search within Bureau Operated Schools

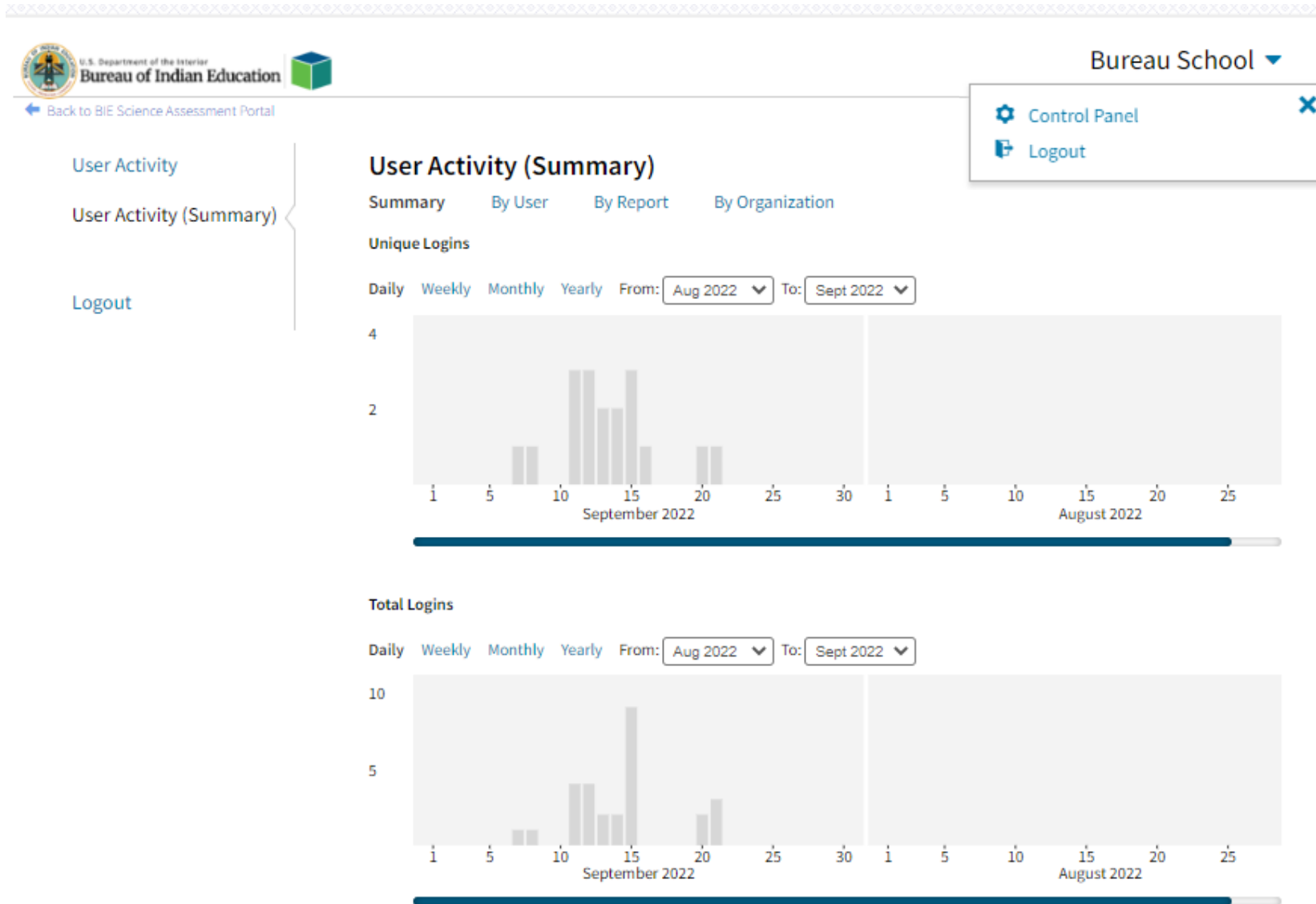
BIE

Bureau Operated Schools^

● Demo School 1

Download

User Activity



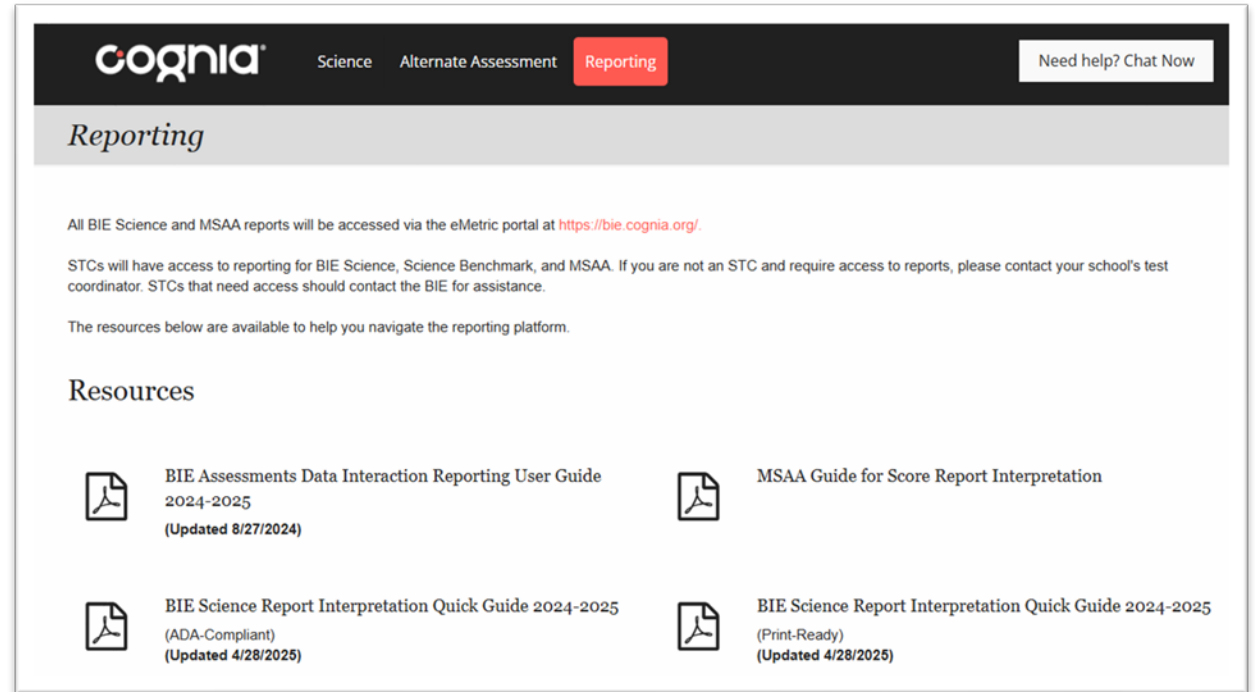
Demo

Questions?



Help & Support Site Reporting Resources

- <https://bie.onlinehelp.cognia.org/>
- Resources will be posted throughout the year
 - Key dates
 - Manuals
 - Training videos
 - Practice tests
 - Access to CBT practice test and answer documents
 - Downloadable PDFs of the practice test
- Reporting resources
 - <https://bie.onlinehelp.cognia.org/reporting/>



The screenshot shows the Cognia Reporting Resources page. The header includes the Cognia logo and navigation links for Science, Alternate Assessment, and Reporting (highlighted in red). A 'Need help? Chat Now' button is in the top right. The main heading is 'Reporting'. Below it, a paragraph states that all BIE Science and MSAA reports will be accessed via the eMetric portal at <https://bie.cognia.org/>. Another paragraph mentions that STCs will have access to reporting for BIE Science, Science Benchmark, and MSAA, and that non-STCs should contact their school's test coordinator. A section titled 'Resources' lists four downloadable PDFs:

Resource Title	Update Date
BIE Assessments Data Interaction Reporting User Guide 2024-2025	(Updated 8/27/2024)
MSAA Guide for Score Report Interpretation	
BIE Science Report Interpretation Quick Guide 2024-2025 (ADA-Compliant)	(Updated 4/28/2025)
BIE Science Report Interpretation Quick Guide 2024-2025 (Print-Ready)	(Updated 4/28/2025)

Help Desk

Hours

- Monday–Friday from 9:00 a.m.–6:00 p.m. (ET)

Contact information

- Phone: 800-887-7027
- Email: BIETechSupport@cognia.org
- Chat (accessible from the BIE Help & Support site)



Thank you!

Knowledge is Opportunity



Cognia is a global nonprofit that has the knowledge to help schools improve outcomes for all learners.

