



# CLASSROOM DIAGNOSTIC TOOLS

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## 2019-2020 CDT Interactive Report Training

## ● ● ● Topics Covered



- 2019-2020 CDT Updates
- Key Dates
- Classroom Diagnostic Tools (CDT) Overview
- New Interactive Reporting
  - How to Access
  - General Navigation
  - Group and Individual Map Demonstration
  - Learning Progressions
  - Growth and Focus
  - Batch Download
- Additional Resources



## ● ● ● 2019-2020 CDT Updates

- Report-Filters Performance – *Resolved*
- Data Display Issues – *Resolved*
- Teacher Permission-Sets – *Update on September 26*
- Enhancing the PDF and CSV Outputs – *Available Fall 2019*
- On-Demand District Data Files – *Available Fall 2019*
- Historical Report Tabs – *Coming Soon*

**NOTE:** More details and information will be provided in a separate communication.

## ● ● ● Key Dates



DATE	ITEM
08/12/19	<ul style="list-style-type: none"> <li><input type="checkbox"/> Test Setup Available               <ul style="list-style-type: none"> <li>○ DRC assigned permissions to District Assessment Coordinators, School Assessment Coordinators and District Technology Coordinators</li> <li>○ Assessment Coordinators could start to add Teachers, Students, Test Sessions, and Student Groups</li> </ul> </li> </ul>
08/19/19	<ul style="list-style-type: none"> <li><input type="checkbox"/> Start of Test Window               <ul style="list-style-type: none"> <li>○ Full CDT</li> <li>○ Diagnostic Category CDT</li> </ul> </li> </ul>
11/19	<ul style="list-style-type: none"> <li><input type="checkbox"/> On-demand District Student Data Files Available in Interactive Reporting</li> </ul>
06/19/20	<ul style="list-style-type: none"> <li><input type="checkbox"/> End of Test Window</li> </ul>



# Classroom Diagnostic Tools Overview

## ● ● ● Classroom Diagnostic Tools Overview



- The Classroom Diagnostic Tools (CDT) are a set of online assessments designed to measure specific student strengths, weaknesses, skills, and knowledge throughout the school year to help guide instruction and remediation
  - The CDTs are available for students in grade 3 through high school and are fully aligned with the Standards Aligned System (SAS)
  - The CDTs are based on content covered by the Keystone Exams and the Pennsylvania System of School Assessments

## ● ● ● CDT – Full vs DC



### ■ Full CDT includes:

- ❑ 13 computer-adaptive tests across four subject areas (Math, Reading, Writing, and Science)
- ❑ Each assessment includes items that test 4-5 separate diagnostic categories
- ❑ Students take between 48-60 items, depending on the assessment and their performance

### ■ Diagnostic Category (DC) CDT includes:

- ❑ 50 computer-adaptive Diagnostic Category tests
- ❑ Each assessment includes 5-18 items aligned to a single Diagnostic Category for each writing, science, and math diagnostic category test
- ❑ The reading DC CDT will be about half the length of the full CDT

## ● ● ● CDT – Available Assessments



Content Area	Full Assessment	Diagnostic Category Assessment
<b>Mathematics</b>	Math Grades 3-5	<ul style="list-style-type: none"> <li>Algebraic Concepts</li> <li>Geometry</li> <li>Measurement-Data-Probability</li> <li>Numbers and Operations</li> </ul>
	Math Grades 6-8	<ul style="list-style-type: none"> <li>Algebraic Concepts</li> <li>Geometry</li> <li>Measurement-Data-Probability</li> <li>Numbers and Operations</li> </ul>
	Algebra I	<ul style="list-style-type: none"> <li>Data Analysis</li> <li>Functions and Coordinate Geometry</li> <li>Linear Equations and Inequalities</li> <li>Operations with Real Numbers and Expressions</li> </ul>
	Algebra II	<ul style="list-style-type: none"> <li>Data Analysis</li> <li>Functions</li> <li>Non-Linear Expressions and Equations</li> <li>Operations with Complex Numbers</li> </ul>
	Geometry	<ul style="list-style-type: none"> <li>Congruence-Similarity-Proofs</li> <li>Coordinate Geometry and Right Triangles</li> <li>Geometric Properties</li> <li>Measurement</li> </ul>

**NOTE:** Each full or DC CDT can be **given up to 5 times** within the school year.

## ● ● ● CDT – Available Assessments



Content Area	Full Assessment	Diagnostic Category Assessment
<b>Literacy</b>	Reading Grades 3-5	<ul style="list-style-type: none"> <li>• Reading Informational*</li> <li>• Reading Literature**</li> </ul>
	Reading/Lit Grades 6-HS	<ul style="list-style-type: none"> <li>• Reading Informational*</li> <li>• Reading Literature**</li> </ul>
	Writing Grades 3-5	<ul style="list-style-type: none"> <li>• Conventions: Grammar and Sentence Formation</li> <li>• Conventions: Punctuation-Capitalization-Spelling</li> <li>• Quality of Writing: Content and Style</li> <li>• Quality of Writing: Editing</li> <li>• Quality of Writing: Focus and Organization</li> </ul>
	Writing/Eng Comp Gr 6-HS	<ul style="list-style-type: none"> <li>• Conventions: Grammar and Sentence Formation</li> <li>• Conventions: Punctuation-Capitalization-Spelling</li> <li>• Quality of Writing: Content and Style</li> <li>• Quality of Writing: Editing</li> <li>• Quality of Writing: Focus and Organization</li> </ul>

**\*Reading Informational:** *Key Ideas and Details-Informational Text Craft and Structure, and Integration of Knowledge and Ideas - **Informational Text**, Vocabulary Acquisition and Use*

**\*\*Reading Literature:** *Key Ideas and Details-Informational Text Craft and Structure, and Integration of Knowledge and Ideas - **Literature Text**, Vocabulary Acquisition and Use*

**NOTE:** Each full or DC CDT can be **given up to 5 times** within the school year.

## ● ● ● CDT – Available Assessments



Content Area	Full Assessment	Diagnostic Category Assessment
<b>Science</b>	Science Grades 3-5	<ul style="list-style-type: none"> <li>• Biological Sciences</li> <li>• Earth and Space Sciences</li> <li>• Physical Sciences</li> <li>• The Nature of Science</li> </ul>
	Science Grades 6-HS	<ul style="list-style-type: none"> <li>• Biological Sciences</li> <li>• Earth and Space Sciences</li> <li>• Physical Sciences</li> <li>• The Nature of Science</li> </ul>
	Biology	<ul style="list-style-type: none"> <li>• Basic Biological Principles-Chemical Basis for Life</li> <li>• Bioenergetics-Homeostasis and Transport</li> <li>• Cell Growth and Reproduction-Genetics</li> <li>• Theory of Evolution-Ecology</li> </ul>
	Chemistry	<ul style="list-style-type: none"> <li>• Atomic Structure and The Periodic Table</li> <li>• Chemical Relationships and Reactions</li> <li>• Properties and Classification of Matter</li> <li>• The Mole and Chemical Bonding</li> </ul>

**NOTE:** Each full or DC CDT can be given up to 5 times within the school year.

## ● ● ● CDT – Interactive Reporting



### ■ CDT Interactive Reporting

- ❑ Used for viewing and analyzing student assessment results after students have completed diagnostic testing using the CDT system
- ❑ Enables users to receive customizable reports for individual students or groups of students
- ❑ Provides dynamic links to instructional resources in SAS based on students' performances on the CDT

## ● ● ● CDT – Interactive Reporting



### ■ CDT Historical Report Information

- All completed test events for the Full and DC CDT, from the current CDT administration and up to a maximum of one administration year prior, will be available within the CDT Interactive Reports
- This includes:
  - 2018-2019 full CDT
  - 2019 DC CDT
  - 2019-2020 full and DC CDT

**NOTE:** To access data from the 2018-2019 CDT, a student must have a completed test event for the 2019-2020 CDT. This can be through testing a Full or DC CDT. Users can use the Legacy CDT Interactive Reports, to gain access to 2018-2019 CDT results prior to a completed test event for the 2019-2020 CDT.

## ● ● ● CDT – Interactive Reporting



### ■ CDT Report Data – When will it be available?

- ❑ Reporting data from completed test events will load on the hour, every hour, and become available in CDT Interactive Reports by the start of the following hour
- ❑ Example:
  - ❑ Students complete CDT at 1:20 pm
  - ❑ Data load cycle will begin at 2:00 pm
  - ❑ Interactive reports will include report data by 3:00 pm



**NOTE:** DRC is working on a solution to further speed up when results are available. Information will be communicated to the field as soon as it is available.



# Accessing CDT Interactive Reporting

## ● ● ● CDT Interactive Reporting - Access



- **DRC INSIGHT Portal** - The interactive reports system is accessed via the DRC INSIGHT Portal and requires a Portal account (<https://pa.drccedirect.com>) and assigned permissions based on user role.

The screenshot shows the DRC INSIGHT Portal login interface. On the left, there is a login form with the DRC INSIGHT logo at the top. The form includes a 'Username' field with the text 'PA.Sample.School@mail.com', a 'Password' field with masked characters and a 'Show Text' checkbox, and a blue 'Sign in' button. Below the button is a link for 'Forgot your password?'. On the right, there is a dark blue sidebar with white text. It starts with 'Welcome to the DRC INSIGHT Portal' and provides information about the Data Recognition Corporation (DRC) partnership with Pennsylvania educators. It lists accessible tools: Pennsylvania System of School Assessment (PSSA), Keystone Exams, and Classroom Diagnostic Tools (CDT). It also includes links for training materials and testing management tools, and a contact link for customer support.

**DRC INSIGHT**  
ONLINE LEARNING SYSTEM

Username  
PA.Sample.School@mail.com

Password  
.....  Show Text

**Sign in**

[Forgot your password?](#)

**Welcome to the DRC INSIGHT Portal**

Data Recognition Corporation (DRC), in partnership with Pennsylvania educators to the DRC INSIGHT Portal!

This website enables you to access links to program tools and program testing programs:

- Pennsylvania System of School Assessment (PSSA)
- Keystone Exams
- Classroom Diagnostic Tools (CDT)

To access training materials including training videos, checklists and more, login, click [here](#).

To access testing management tools, such as test session setup and more, click [here](#) on this site.

If you are having difficulty logging on, please contact the customer support team at [support@drccedirect.com](#).

**Online Tools Training**

Publicly accessible versions of the PA Online Tools Training (OTT) are available in Google Chrome. Note that Google Chrome is the only supported browser for testing software. The full versions of the Pennsylvania Online Assessment (PA Online Assessment) are available in the DRC INSIGHT Portal login.

## ● ● ● CDT Interactive Reporting - Access



### ■ Interactive Report permissions to be assigned by user role:

PERMISSION	PERMISSION FUNCTION	District	School	Teacher
<b>DRC IRS – Access</b>	Allows a basic user to access DRC INSIGHT Interactive Reports.	X	X	X
<b>DRC IRS – District</b>	Allows a District user to access DRC INSIGHT Interactive Reports for all schools within their district.	X		
<b>DRC IRS – School</b>	Allows a School user to access DRC INSIGHT Interactive Reports for all teachers within their school.	X	X	
<b>DRC IRS – Teacher</b>	Allows a Teacher user to access DRC INSIGHT Interactive Reports for all students within their student groups.	X	X	X

- **REMINDER:** Teacher emails **MUST** match exactly between User Management and Teacher Management, to have full access to reports. This includes capitalization.

## ● ● ● CDT Interactive Reporting - Access



- Log in to Portal by entering Username and Password
- Click **Sign In**

**DRC INSIGHT™**

**DRC INSIGHT™**  
ONLINE LEARNING SYSTEM

Username  
PA.Sample.School@mail.com

Password  
.....  Show Text

**Sign in**

[Forgot your password?](#)

### Welcome to the DRC INSIGHT Portal

Data Recognition Corporation (DRC), in partnership with Pennsylvania educators to the DRC INSIGHT Portal!

This website enables you to access links to program tools and pre-testing programs:

- Pennsylvania System of School Assessment (PSSA)
- Keystone Exams
- Classroom Diagnostic Tools (CDT)

To access training materials including training videos, checklists, login, click [here](#).

To access testing management tools, such as test session setup, click [here](#) on this site.

If you are having difficulty logging on, please contact the customer support team.

### Online Tools Training

Publicly accessible versions of the PA Online Tools Training (OTT) are available on Google Chrome. Note that Google Chrome is the only supported browser for testing software. The full versions of the Pennsylvania Online Assessment (PA Online Assessment) require a DRC INSIGHT Portal login.

- **NOTE:** If you do not have a Username or Password, contact your District Assessment Coordinator or DRC Customer Service

# ●●● CDT Interactive Reporting - Access



## ■ Access Interactive Reporting through DRC's INSIGHT Portal (eDIRECT):

- ❑ Click *My Applications*
- ❑ Click *Report Delivery* (Under *Scoring and Reporting*)

The screenshot shows the DRC INSIGHT PENNSYLVANIA portal interface. At the top, there is a navigation bar with the DRC INSIGHT logo and 'PENNSYLVANIA'. A dropdown menu is open under 'MY APPLICATIONS', listing various categories: PARTICIPANT PREPARATION (Student Management, Student Group Management, Teacher Management, User Management), TEST PREPARATION (Test Management), POST-TEST ACTIONS (Student Management), SCORING AND REPORTING (Report Delivery), GENERAL INFORMATION (General Information), and TECHNOLOGY SETUP (Central Office, Device Toolkit). A red box highlights 'MY APPLICATIONS' and another red box highlights 'Report Delivery' under 'SCORING AND REPORTING'. A red arrow points from the 'Report Delivery' text in the list to the 'Report Delivery' button in the screenshot below.

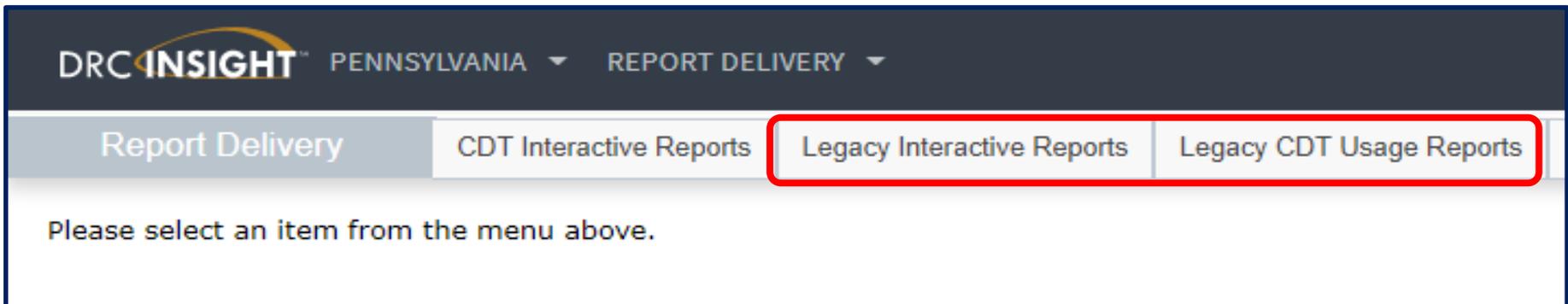
The screenshot shows the DRC INSIGHT PENNSYLVANIA portal interface. At the top, there is a navigation bar with the DRC INSIGHT logo and 'PENNSYLVANIA'. A dropdown menu is open under 'REPORT DELIVERY', listing three options: 'Report Delivery', 'CDT Interactive Reports', 'Legacy Interactive Reports', and 'Legacy CDT Usage Reports'. A red box highlights 'CDT Interactive Reports'. Below the menu, there is a text prompt: 'Please select an item from the menu above.'

## ● ● ● CDT Interactive Reporting - Access



### ■ Legacy Interactive Reports and CDT Usage Reports

- ❑ Access to the **Legacy Interactive Reporting and CDT Usage Reports** will continue through the 2019-2020 CDT
- ❑ Use these tabs to access the following:
  - 2017-2018 CDT
  - 2018-2019 CDT (NOTE: This data is also available in the CDT Interactive Report.)



- ❑ The legacy report tabs will be disabled prior to the start of the 2020-2021 CDT

## ●●● CDT Interactive Reporting - Access



### ■ Click *CDT Interactive Reports*

A screenshot of the DRC INSIGHT PENNSYLVANIA REPORT DELIVERY menu. The menu is dark grey with white text. The 'CDT Interactive Reports' option is highlighted with a red rectangular border. Below the menu, there is a white box with the text 'Please select an item from the menu above.'

DRC INSIGHT™ PENNSYLVANIA ▼ REPORT DELIVERY ▼

Report Delivery CDT Interactive Reports Legacy Interactive Reports Legacy CDT Usage Reports

Please select an item from the menu above.

### ■ CDT Interactive Reporting home screen will appear

A screenshot of the DRC INSIGHT PENNSYLVANIA MY APPLICATIONS home screen. The header is dark grey with white text. The 'Dashboard' option is highlighted with a blue underline. Below the header, there is a white box with the text 'Welcome to the new DRC Interactive Reporting and Information Services Homepage. Select from any of the above options to begin.'

DRC INSIGHT™ PENNSYLVANIA ▼ MY APPLICATIONS ▼ SL ▼

Dashboard Group Map Individual Map Learning Progression Map Growth & Focus Batch Download Quick Links

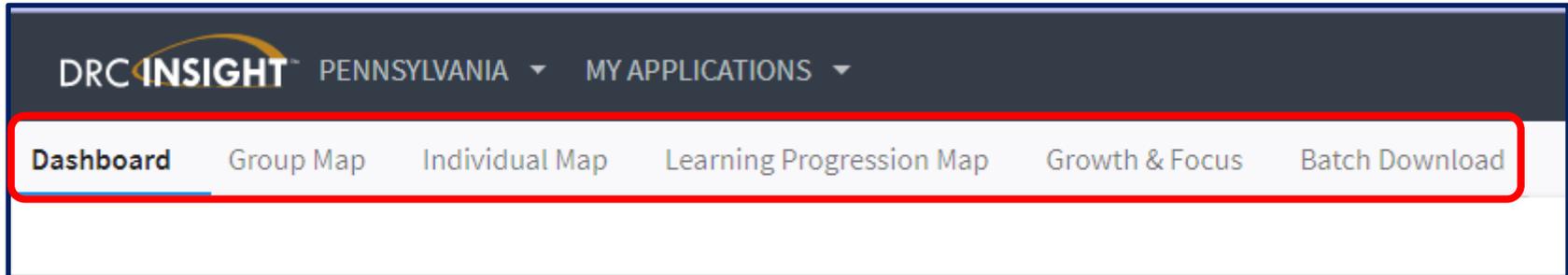
Welcome to the new DRC Interactive Reporting and Information Services Homepage.

Select from any of the above options to begin.



# Navigating CDT Interactive Reporting

## ● ● ● General Navigation – Report Access



- Access each report by clicking on the available report tabs at the top of the screen
- Report tabs include:
  - GROUP MAP
  - INDIVIDUAL MAP
  - LEARNING PROGRESSION MAP
  - GROWTH & FOCUS
  - BATCH DOWNLOAD

## ● ● ● General Navigation – Pre-Filters



# Pre-Filters

The screenshot shows the DRC INSIGHT PENNSYLVANIA interface. At the top, there is a navigation bar with "DRC INSIGHT PENNSYLVANIA" and "MY APPLICATIONS". Below this is a secondary navigation bar with tabs: "Dashboard", "Group Map", "Individual Map", "Learning Progression Map", "Growth & Focus", and "Batch Download". A "Quick Links" button is on the right. The main content area features a grid of pre-filter dropdown menus: "District", "School", "Teacher", "Student Group", "Content Area", "Assessment", "Diagnostic Category", and "Map Configuration". A "Go" button is located to the right of these filters. A red box highlights the entire pre-filter section.

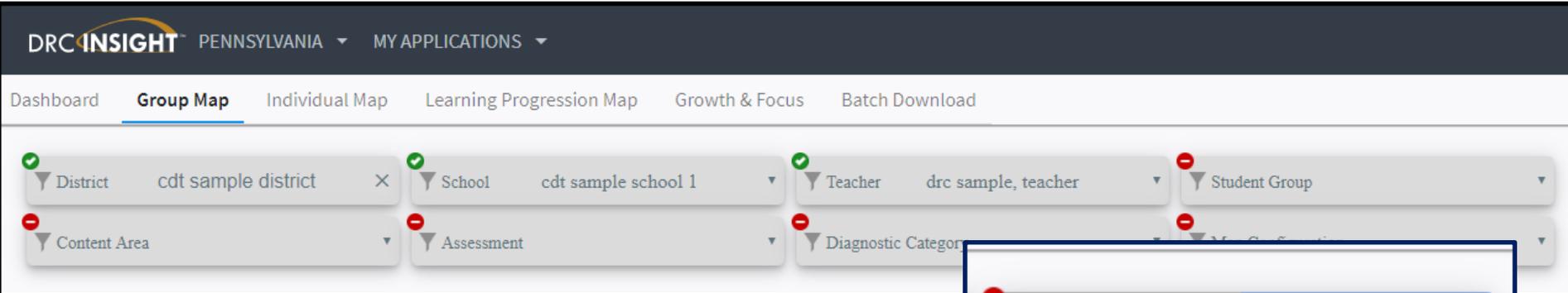
- Pre-filters are provided on the Group Map, Individual Map, Learning Progression Map, and Growth & Focus
  - Pre-filters are used to narrow the data set and populate reports within the selected report tab
  - Available pre-filters will vary based on selected report tab and assigned role/permissions
- Once a pre-filter has been populated, it will persist across report tabs, but can be changed as needed

## ● ● ● General Navigation – Pre-Filters

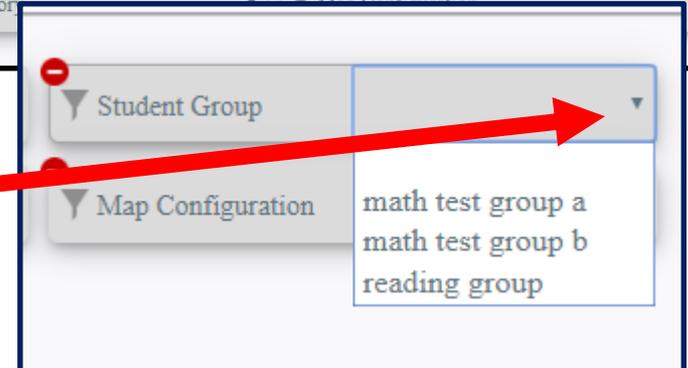


### Using Pre-Filters

- Begin typing name associated with selected pre-filter field
- Filters will auto-populate based on selection made in previous filters



- If filter does not auto-populate, use the drop-down list to see available selections for filter



# ● ● ● General Navigation – Pre-Filters



## Using Pre-Filters

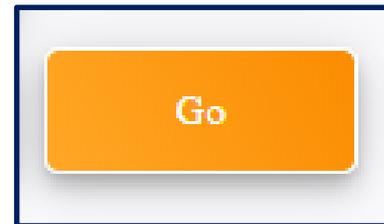
The screenshot shows the DRC INSIGHT PENNSYLVANIA MY APPLICATIONS interface. The top navigation bar includes 'Dashboard', 'Group Map' (selected), 'Individual Map', 'Learning Progression Map', 'Growth & Focus', and 'Batch Download'. Below this, there are seven pre-filter dropdown menus arranged in two rows. Each menu has a status icon (green checkmark or red dash) and a value. The first row includes: District (cdt sample district, green checkmark), School (cdt sample school 1, green checkmark), Teacher (drc sample, teacher, green checkmark), and Student Group (red dash). The second row includes: Content Area (red dash), Assessment (red dash), Diagnostic Category (red dash), and Map Configuration (red dash).



**Green** check mark indicates required field is populated.



**Red** dash indicates required field needs to be populated for reports to be generated.



Reports will generate on page by clicking **Go**, after all required pre-filters have been populated.

## ● ● ● General Navigation – Pre-Filters



# Using Pre-Filters

DRC INSIGHT PENNSYLVANIA MY APPLICATIONS SL

Dashboard Group Map Individual Map Learning Progression Map Growth & Focus Batch Download Quick Links

District cdt sample district X School cdt sample school 1 Teacher drc sample, teacher Student Group math test group a

Content Area mathematics Assessment math grades 6-8 **Diagnostic Category** Map Configuration Go

- Use the **Diagnostic Category** prefilter to generate reports for the Full CDT or Diagnostic Category CDT
  - ❑ Select the values for District, School, Teacher, Student Group, Content Area, and Assessment
  - ❑ Select Diagnostic Category
    - **Full CDT** – select **'ALL'**
    - **DC CDT** – select **individual Diagnostic Category** to view in reporting (ex: Algebraic Concepts)

## ● ● ● General Navigation – Pre-Filters



# Student Group

- Hover over the Student Group names to determine the administration the Student Group was created in
- This will determine set of students to be viewed in the report

The screenshot displays three overlapping instances of a 'Student Group' dropdown menu. Each instance includes a 'Map Configuration' dropdown below it. Red boxes highlight the selected options in each instance:

- Top instance: 'lit rdg 3-5' (2018/2019 classroom diagnostic category tools)
- Middle instance: 'lit rdg 6-hs' (2019 cdt diagnostic category testing)
- Bottom instance: 'schweiss group' (2019/2020 classroom diagnostic category tools)

A 'Go' button is visible next to each dropdown menu.

- **NOTE:** All completed test events for each student found in the group will be reported on page. This can be further refined using additional filters

## ● ● ● General Navigation – Secondary Filters



# Secondary Filters

- Secondary filters are available after all Pre-filter selections have been made and **'Go'** has been clicked

The screenshot displays a web interface for filtering data. At the top right, an orange 'Go' button is highlighted with a blue box. A red line connects this button to a set of filter controls. These controls include a dropdown arrow, 'Test Date: >= 01/01/2018', 'Session: (Select)', 'Scale Score: >= 0', and 'Student Name: (Select)'. Below the filters, the text 'Math Grade 7 - Overall' is visible, followed by a horizontal bar chart with a vertical axis labeled '2000'.

- Secondary filters will vary, based on selected report tab
- Secondary filters are used to further refine student group report data

## ● ● ● General Navigation – Secondary Filters



# Secondary Filters

- Once a filter is selected, an additional window appears to modify filter options
- Select values to include from the list or
  - Click **'Clear all'** to remove all selected filters
  - Click **'Select all'** to select all listed filter options
- Click **DONE** to update reports

The screenshot shows a 'Session' dialog box with the following elements:

- Session: (Select) dropdown
- Include Exclude toggle
- Search by name input field
- Clear all and Select all buttons
- Checkboxes for:
  - beginning algebraic concepts (checked)
  - end algebraic concepts (unchecked)
  - fall full test (checked)
- Show all possible values checkbox (unchecked)
- Add values in bulk link
- Cancel and DONE buttons

The background shows a data grid with columns and rows. A red arrow points from the text 'Select values to include from the list or' to the dialog box.

## ●●● General Navigation – Secondary Filters



# Secondary Filters

## ■ Scale Score Filter

A range of scale scores to display on the map can be defined by the user. *(This is equivalent to drawing the box around a group of students in the legacy reports for the full CDT.)*

- Select filter criteria
- Click '+ add another' to add second filter criteria
- Enter the Scale Score values
- Click Done
- Filter will show values applied/selected and the map and tables will adjust based on filter values.

Scale Score

is less than 0

is greater than

is greater than or equal to

✓ is less than

is less than or equal to

is between

is in

is not in

Cancel DONE

is greater than 750

is less than 1750

+ add another

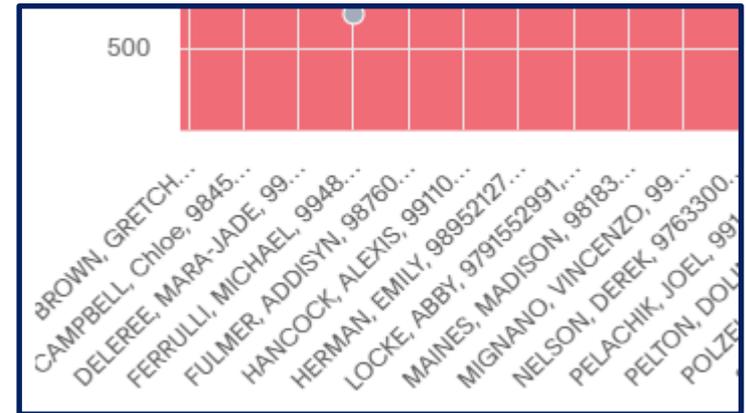
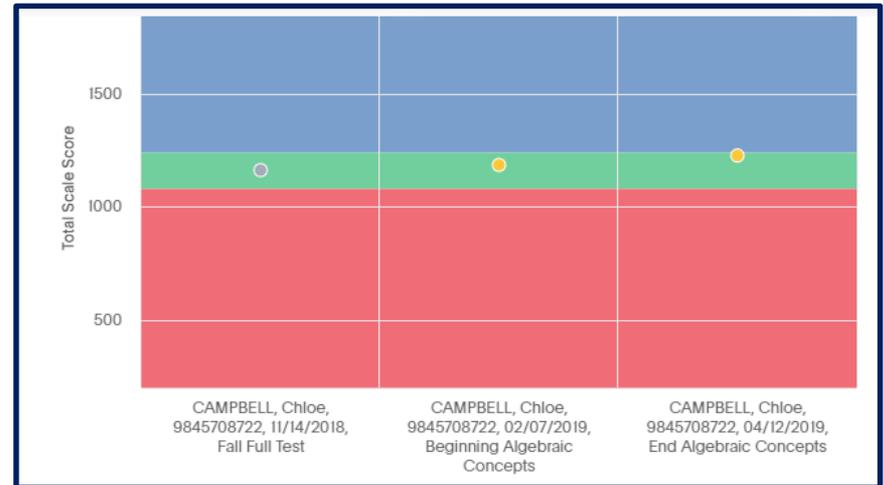
Scale Score: > 750 < 1750

## ● ● ● General Navigation – Map Structure



### Map Structure - Columns

- Each column represents one test event for a student
- Each column is labeled with the Student's name, PAsecureID, Test Session Date and Full or DC assessment name
- Column width and labels will adjust based on amount of data being reported



# ● ● ● General Navigation – Map Structure



## Map Structure – Plotted Dots

❑ Hover over the plotted dots for additional details for student on report

❑ **Gray** (  ) dots indicate **Full CDT**

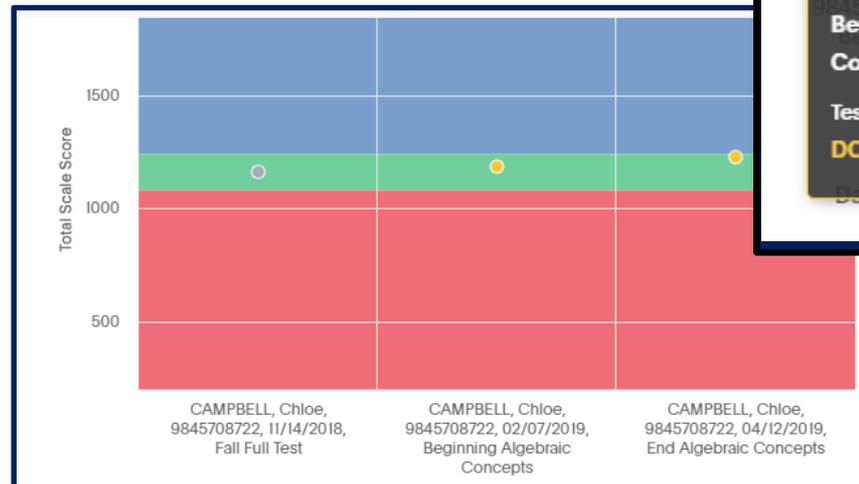
❑ **Yellow** (  ) dots indicate **DC CDT**



Total Scale Score:  
**1186**

Student Name, Student ID, Daily (Test Date), Session:  
**CAMPBELL, Chloe, 9845708722, 02/07/2019, Beginning Algebraic Concepts**

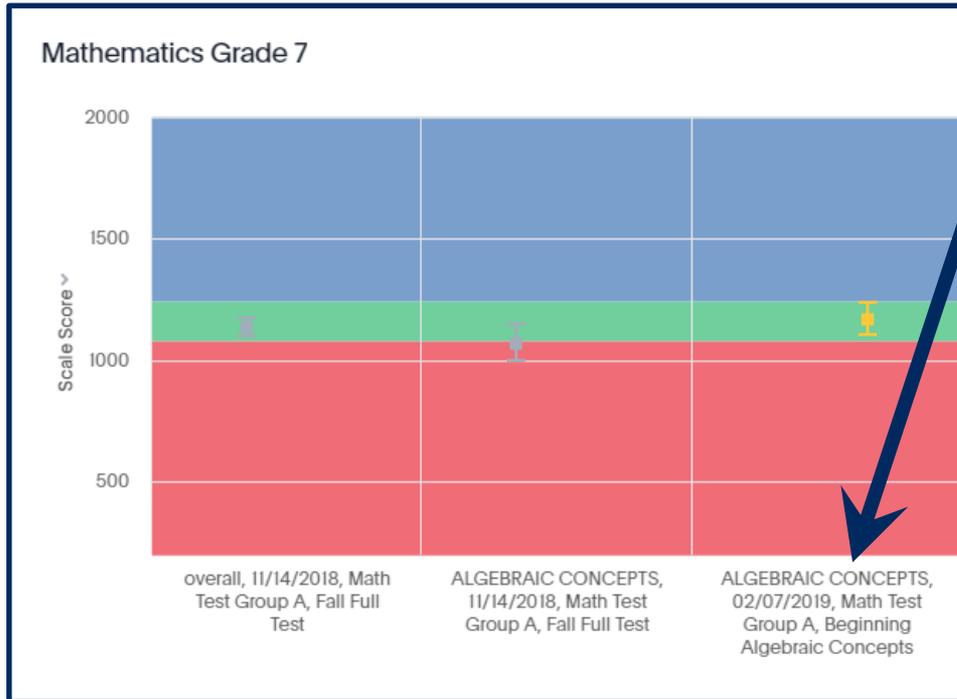
Test Type:  
**DC**



# ● ● ● General Navigation – Map Structure

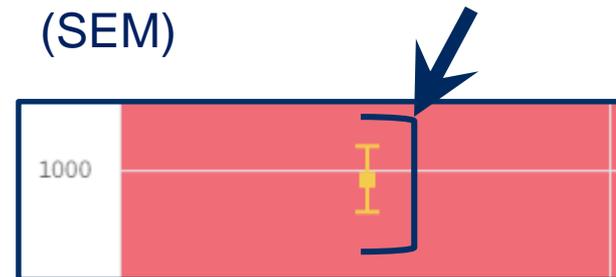


## Map Structure - Individual Map



- Columns and plotted points based on complete individual test sessions
- Hover over dots to see test event details for student on map

- Standard Error of Measurement (SEM)

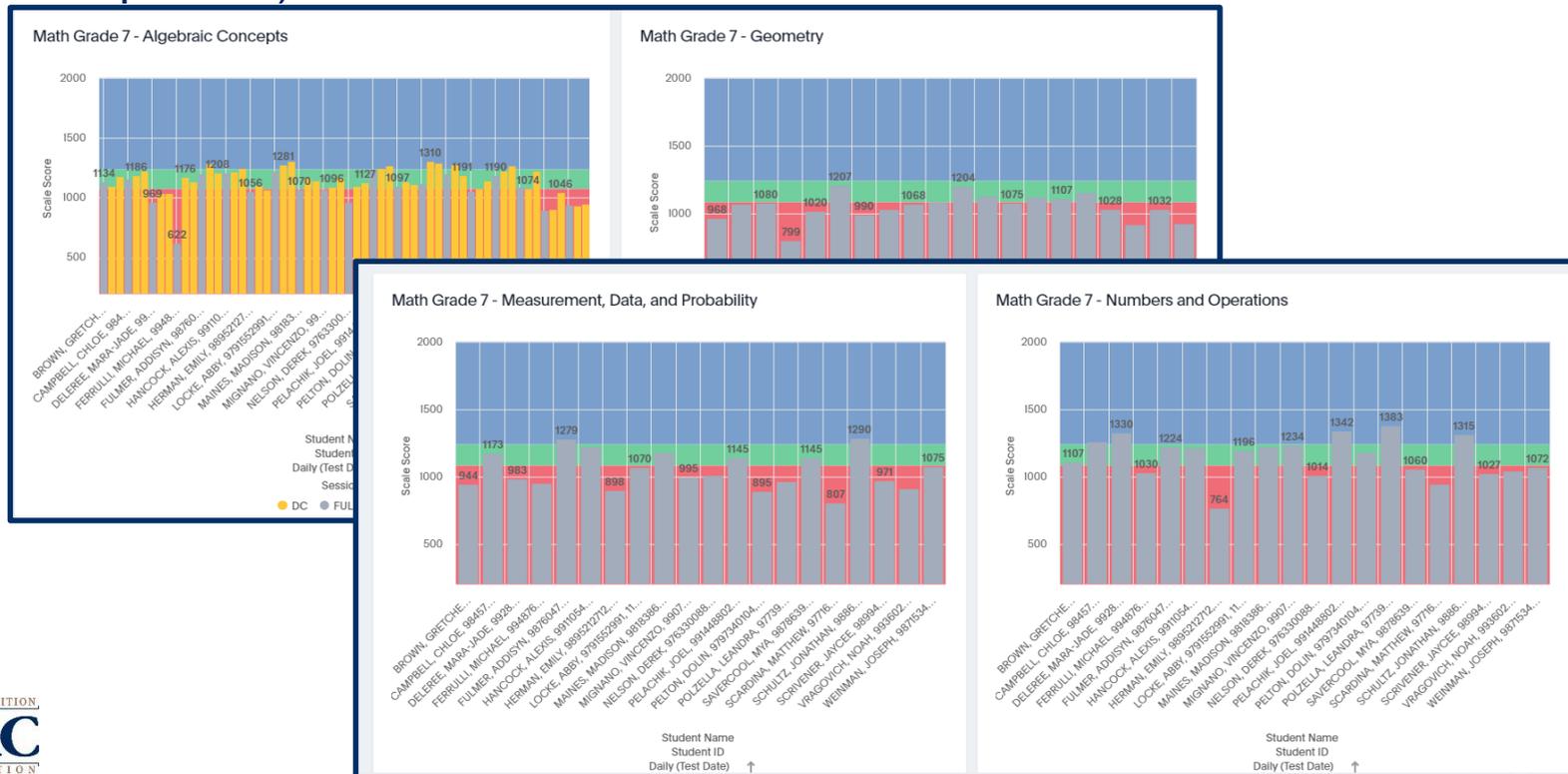


# ● ● ● General Navigation – Map Structure



## Map Structure - Group Map

- Individual Diagnostic Category charts displayed under the Group Map when 'ALL' is selected as the diagnostic category, which indicates the Full CDT
- Gray Bars = Full CDT; Yellow Bars = DC CDT test session events (for comparison)



## ● ● ● General Navigation – Conditional Formatting

### Map Structure - Conditional Formatting

- Conditional formatting can be applied to the Group and Individual maps
- Click on **Total Scale Score**, found on Y-axis.
- Select **Conditional Formatting**
  - The Conditional Formatting pop-up window will appear

Math Grade 7

2000

150

100

50

Rem

Sort

Filter...

Conditional Formatting ...

Sort

Rem

200 1081

1082 1244

1245 2000

+ ADD FORMATTING

Cancel DONE

Fill chart

Fill chart

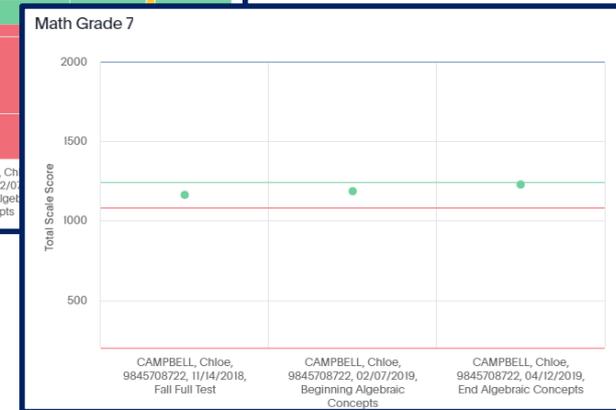
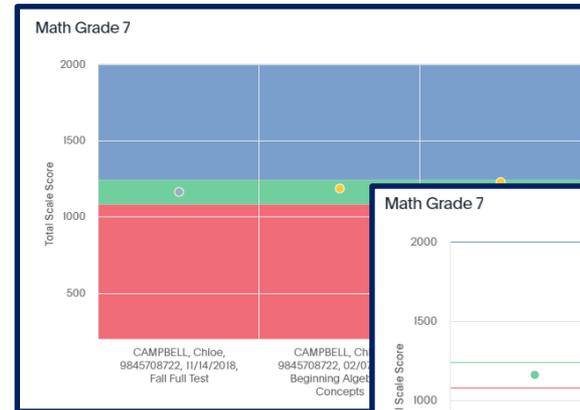
Fill chart

# ● ● ● General Navigation – Conditional Formatting



## Map Structure - Conditional Formatting

- From the pop-up window, you can choose to display the color bands or remove them for printing purposes
- Remove or add the color by clicking on the check mark next to the color shown
- NOTE: The scale score associated with each color band is listed for reference



Conditional Formatting

200 1081  Fill chart

1082 1244  Fill chart

1245 2000  Fill chart

+ ADD FORMATTING

Cancel DONE

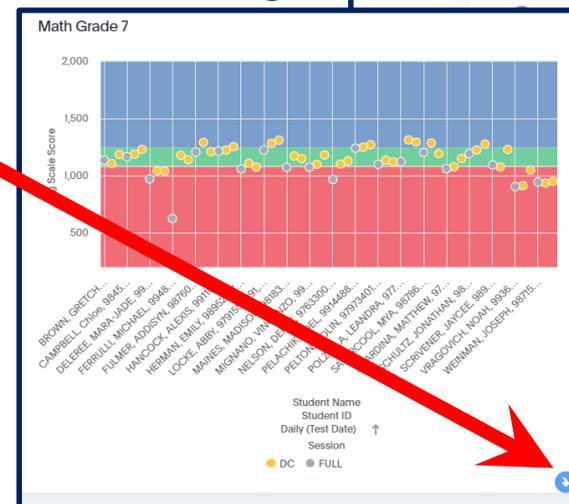
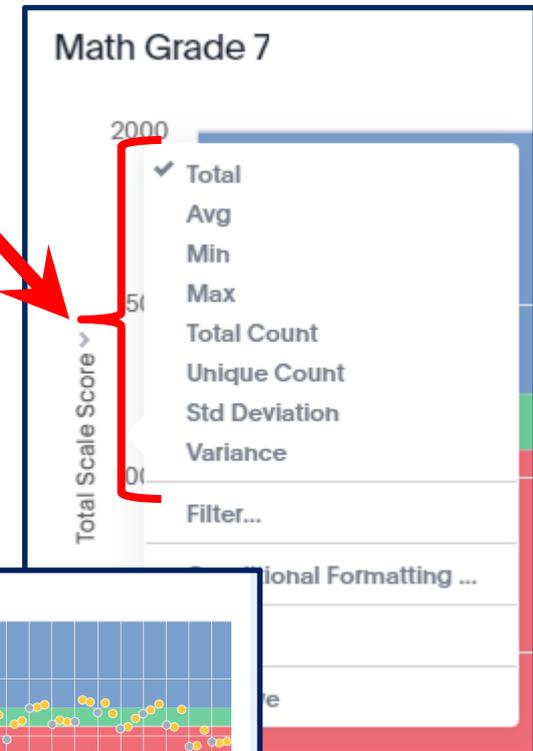
A red arrow points from the text 'Remove or add the color by clicking on the check mark next to the color shown' to the 'Fill chart' checkboxes in this dialog box.

## ● ● ● General Navigation – Additional Features



### Map Structure – How to reset

- If you have used any of the options shown after clicking 'Total Scale Score' and would like to return tables and maps to default settings, use the reset icon shown at bottom of updated table/map
- Click on  and the default format will be restored.
- **NOTE:** This icon will only show when a formatting change has been made



# General Navigation – Eligible Content and Sample Items



## Eligible Content and Sample Items:

- A list of Eligible Content and Sample Items, associated with the range of score for the students selected, will appear below the map.
- Click on any one of the Eligible Content codes to launch into the Standards Aligned System (SAS) Web site and gain access to all curriculum and resources available for the Eligible Content selected.

Eligible Content and Sample Items			
Diagnostic Category	Eligible Content	Sample Item	EligibleContentDescription
ALGEBRAIC CONCEPTS	<a href="#">M04.B-O.1.1.1</a>	<a href="#">sample item</a>	Interpret a multiplication equation as a comparison. Represent verbal statements of multiplicative comparisons as multiplication equations.
ALGEBRAIC CONCEPTS	<a href="#">M04.B-O.1.1.2</a>	<a href="#">sample item</a>	Multiply or divide to solve word problems involving multiplicative comparison, distinguishing multiplicative comparison from additive comparison.
ALGEBRAIC CONCEPTS	<a href="#">M04.B-O.1.1.3</a>	<a href="#">sample item</a>	Solve multi-step word problems posed with whole numbers using the four operations. Answers will be either whole numbers or have remainders that r answer that is...
ALGEBRAIC CONCEPTS	<a href="#">M04.B-O.1.1.4</a>	<a href="#">sample item</a>	Identify the missing symbol (+, -, ×, ÷, =,
ALGEBRAIC CONCEPTS	<a href="#">M04.B-O.2.1.1</a>	<a href="#">sample item</a>	Find all factor pairs for a whole number in the interval 1 through 100. Recognize that a whole number is a multiple of each of its factors. Determine whett

## ● ● ● General Navigation – Grid Format



# Grid Format

- Data associated with selected student group and all applied filters
- Scroll horizontally and vertically to see full table

Grid Format

Test Type	Student Group	Session	Grade	Student Name ↑	Student ID	Daily (Test Date) ↑	Diagnostic Category ↑
FULL	Math Test Group A	Fall Full Test	07	BROWN, GRETCHEN	9939721811	08/28/2018	overall
FULL	Math Test Group A	Fall Full Test	07	BROWN, GRETCHEN	9939721811	08/28/2018	ALGEBRAIC CONCEPTS
FULL	Math Test Group A	Fall Full Test	07	BROWN, GRETCHEN	9939721811	08/28/2018	Geometry
FULL	Math Test Group A	Fall Full Test	07	BROWN, GRETCHEN	9939721811	08/28/2018	MEASUREMENT, DATA, AND PROBABILITY
FULL	Math Test Group A	Fall Full Test	07	BROWN, GRETCHEN	9939721811	08/28/2018	NUMBERS AND OPERATIONS
DC	Math Test Group A	Beginning Algebraic Concepts	07	BROWN, GRETCHEN	9944319805	02/07/2019	ALGEBRAIC CONCEPTS
DC	Math Test Group A	End Algebraic Concepts	07	BROWN, GRETCHEN	9944319805	04/23/2019	ALGEBRAIC CONCEPTS

## ● ● ● General Navigation – Grid Format



# Grid Format

- Click on column header names to sort table based on data in column
- Hover over column header and click on three dots
- Choose **Filter** to filter by specific data elements
- Choose **Sort** to order data within column

Diagnostic Category ↑ ...

Filter...  
Sort  
Remove

Diagnostic Category

Include Exclude

Search by name

Clear all Select all

- algebraic concepts
- geometry
- measurement, data, and probability
- numbers and operations
- overall

Show all possible values

Add values in bulk

Cancel DONE

# ● ● ● General Navigation – Grid Format



## Grid Format

- Scale Score column color based on color band associated with Scale Score

- DC Sort indicates

- 01 = Overall Score
- 02 = DC Score

Scale Score	Color Indicator	DC Sort
1064	red	01
988	red	01
970	red	01
1129	green	01
1001	red	01
1030	red	02
1383	blue	02
1027	red	02
1014	red	02
1259	blue	02
1196	green	02
948	red	02
1342	blue	02
1284	green	02

# ● ● ● General Navigation – Scrolling

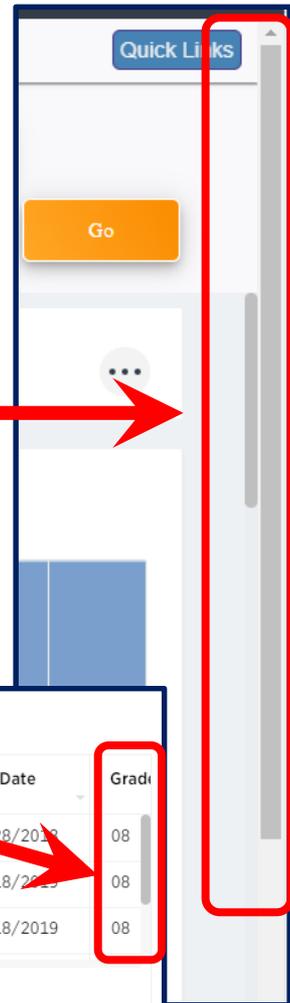


## Scrolling

- Scrolling is needed on the page, as well as within each report, depending on amount of data being reported

Page scrolling

Report and table scrolling



Grid Format

Student Name	Student Group	Content Area	Diagnostic Category	Scale Score TOTAL	Assessment	Test Date DAILY	Grade
Morrison, ANGELA	Copy of Alg I Func and	Mathematics	DATA ANALYSIS	980	Alg I Data Analysis	01/28/2019	08
Morrison, ANGELA	Copy of Alg I Func and	Mathematics	DATA ANALYSIS	670	Alg I Data Analysis 2	01/18/2019	08
Morrison, ANGELA	Copy of Alg I Func and	Mathematics	DATA ANALYSIS	794	Alg I Data Analysis 3	01/18/2019	08

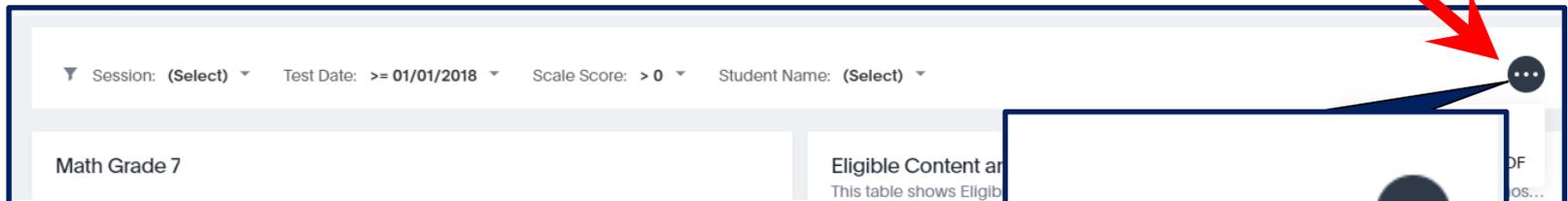
(Showing rows 1-4 of 37)

## ● ● ● General Navigation – Additional Features

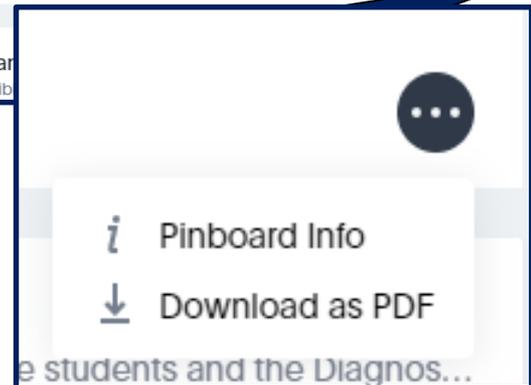


# Exporting from Report Tabs

- ❑ Each table or chart found within each report tab can be downloaded separately or as a complete download
- ❑ **For a full page report download:**
  - Hover over corner of secondary filter box for download options
  - Click on dots



- Select 'Download as PDF and save



## ● ● ● General Navigation – Additional Features



# Exporting from Report Tabs

## □ For individual chart or table downloads:

- Hover over corner of top-right corner for download options and click on dots
- Select format and save



Eligible Content and Sample Items

This table shows Eligible Content associated with the scores of the students and t

Eligible Content	Sample Item	Elig
<a href="#">M04.B-O.1.1.1</a>	<a href="#">sample item</a>	Inte
<a href="#">M04.B-O.1.1.2</a>	<a href="#">sample item</a>	Muesci
<a href="#">M04.B-O.1.1.3</a>	<a href="#">sample item</a>	Sol

atic

**NOTE: Available download format options vary by chart or table.**

## ● ● ● General Navigation – Additional Features



# Additional Features

- ❑ **Quick Links** – Provides hyperlinks to resource documents and training resource sites



DRC INSIGHT™ PENNSYLVANIA ▾ MY APPLICATIONS ▾ SL ▾

Dashboard Group Map Individual Map Learning Progression Map Growth & Focus Batch Download Quick Links

Welcome to the new DRC Interactive Reporting and Information Services Homepage.

Select from any of the above options to begin.



# Group and Individual Map Demonstration



# Learning Progression Map

# ● ● ● Learning Progression Map



## Learning Progression Map

DRC INSIGHT PENNSYLVANIA MY APPLICATIONS SL

Dashboard Group Map Individual Map **Learning Progression Map** Growth & Focus Batch Download Quick Links

✓ District cdt sample district × ✓ School cdt sample school 1 ✓ Teacher drc sample, teacher ✓ Student Group math test group a

✓ Content Area mathematics ✓ Assessment math grades 6-8 ✓ Diagnostic Category algebraic concep ✓ Map Configuration math grade 7 Go

▼ Diagnostic S... (Select) ▼ Performance: (Select) ▼ Student Name: (Select) ▼ Session Name: (Select) ▼ Test Date: >= 01/01/2018 ▼ Teacher Name: (Select) ▼

Group Learning Progression

- Individual and Group Learning Progressions are combined under one reporting tab
- The filters will be pre-populated if the filters were applied in Group or Individual Map tabs prior to navigating to the Learning Progression tab

# ● ● ● Learning Progression Map



## Learning Progression Map

- Use Learning Progression Table to see Total Points Earned vs Total Points Possible within a Diagnostic Category for the selected student group or individual student.

Group Learning Progression														
Points Earned	Points Possible	Diagnostic Subcate...	Eligible Content Code											
Name	Sample	M06.B-E.2.1.4		M06.B-E.3.1.1		M07.B-E.2.2.1		M07.B-E.2.2.2		M07.B-E.2.3.1		M08.B-E.3.1.1		
		Points Earned	Points Possible	Points Earned	Points Possible	Points Earned	Points Possible	Points Earned	Points Possible	Points Earned	Points Possible	Points Earned	Points Possible	
BROWN, GRETCHEN (9944319805) End Algebraic Concepts	1	1	1			1	1			0	1	1	1	
CAMPBELL, CHLOE (9845708722) Beginning Algebraic Concepts		0	1	1	1			1	1					
CAMPBELL, CHLOE (9845708722) End Algebraic Concepts				0	1									
CAMPBELL, CHLOE (9845708722) Fall Full Test										0	1	1	1	

# ● ● ● Learning Progression Map



## Learning Progression Map

### ■ Learning Progression Pivot Table

**Group Learning Progression**  
For Performance: Negative # = RED, Positive # = GREEN

Total Points Ear..	Total Points Pos..	Total Performan..	Diagnostic Subc..	Eligible Content ..						
			▶ Data Analysis and Probability							
Name	Total Points Earned	Total Points Possible								
	▶ Data Analysis and Probability									
	A1.2.3.1.1		A1.2.3.2.1		A1.2.3.2.2		A1.2.3.2.3		A1.2.3.3.1	
	Total Points Earned	Total Points Possible	Total Points Earned	Total Points Possible	Total Points Earned	Total Points Possible	Total Points Earned	Total Points Possible	Total Points Earned	Total Points Possible
JESUS Murray (2602985562)	2	4	4	8	3	13				
KEITH MURPHY (1168691281)	2	4	2	5			1	4		
TARA PARKER (7302381232)	0	3			2	8	1	1	0	1

Click on Diagnostic Category name to expand report and view all sub-diagnostic category code associated with test.

# ● ● ● Learning Progression Map



## Learning Progression Map

### ■ Summary – Group Learning Progression

Summary - Group Learning Progression

Diagnostic Category ↑	Diagnostic Subcategory ↑	Eligible Content ↑	Total Count of Green	Total Count of Red	Performance Color	Points Earned	Points Possible	Total # of Items	Sample Item
ALGEBRAIC CONCEPTS	Algebraic Equations and Inequalities	<a href="#">A1.1.2.1.1</a>	0	2	red	0	1	2	<a href="#">sample item</a>
ALGEBRAIC CONCEPTS	Algebraic Equations and Inequalities	<a href="#">A1.1.3.1.1</a>	1	0	green	1	1	1	<a href="#">sample item</a>
ALGEBRAIC CONCEPTS	Algebraic Equations and Inequalities	<a href="#">A1.1.3.1.2</a>	1	1	green	1	1	2	<a href="#">sample item</a>
ALGEBRAIC CONCEPTS	Algebraic Equations and Inequalities	<a href="#">A1.1.3.1.3</a>	2	0	green	1	1	2	<a href="#">sample item</a>
ALGEBRAIC CONCEPTS	Algebraic Equations and Inequalities	<a href="#">A1.1.3.2.1</a>	0	3	red	0	1	3	<a href="#">sample item</a>
ALGEBRAIC CONCEPTS	Algebraic Equations and Inequalities	<a href="#">A1.1.3.2.1</a>	0	3	red	0	1	3	<a href="#">sample item</a>

### ■ Use summary table to view the following details

- Performance counts and associated performance color indicator
- ECC tested, Sample Items, and ECC Descriptor

# ● ● ● Learning Progression Map



## Learning Progression Map

### ■ Learning Progression Map and Item Grade Level Summary

- A **green dot** indicates that the student's/group's performance for this Eligible Content was equal to or better than the expected performance of a student who is considered just ready for the next grade/course.
- A **red dot** indicates that the student's/group's performance for this Eligible Content was less than the expected performance of a student who is considered just ready for the next grade/course.



# ● ● ● Learning Progression Map



## Learning Progression Table

- Select individual student in secondary filter, to populate **Individual Learning Progression** data
- Refine data further through additional secondary filter selections

Diagnostic Su.. (Select) Performance: (Select) **Student Name: morrison, angela** Session Name: alg i data analysis Test Date: >= 01/01/2018

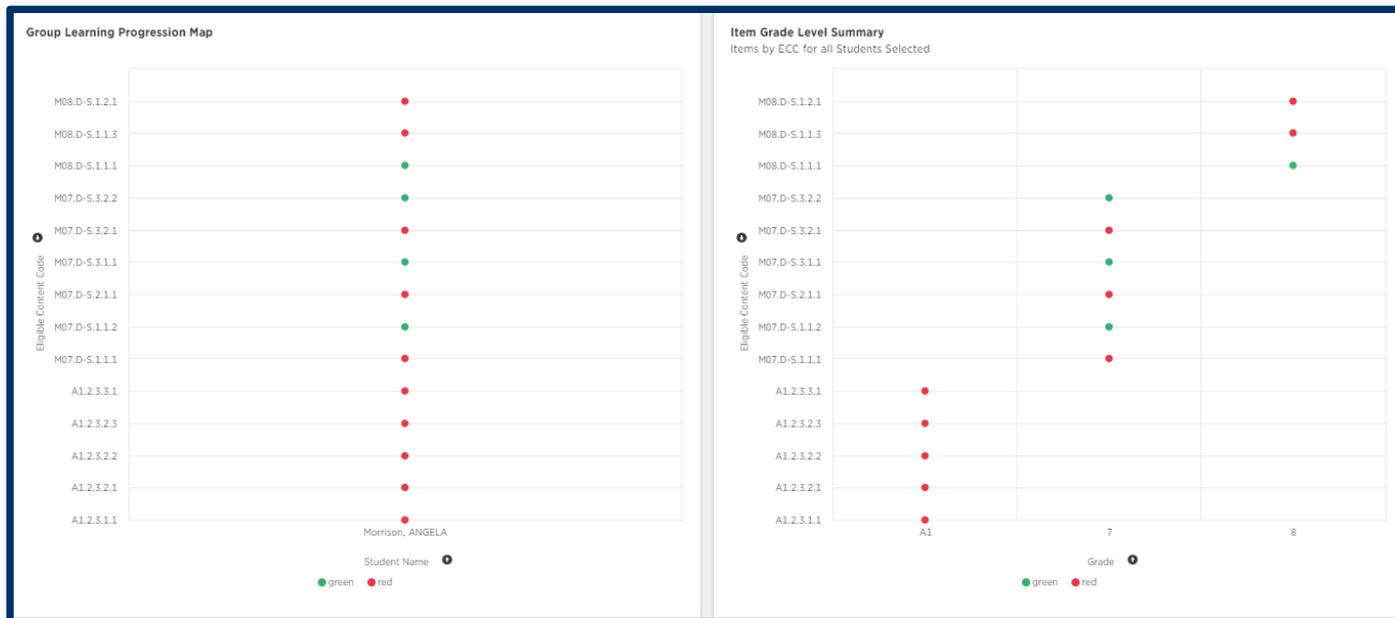
**Group Learning Progression**  
For Performance: Negative # = RED, Positive # = GREEN

Total Points Ear..	Total Points Pos..	Total Performan..	Diagnostic Subc..	Eligible Content ..		
			▶ Data Analysis and Probability		▶ Data Displays	
Name	Total Points Earned	Total Points Possible	Total Performance Color	Total Points Earned	Total Points Possible	Total Performance Color
ANGELA Morrison (8370363164)	12	25	-3	3	11	-4

# ● ● ● Learning Progression Map



- Learning Progression Map has been filtered down to selected student.
- Item Grade Level Summary reflects only those items the selected student responded to during the test





# Growth and Focus

# ● ● ● Growth & Focus



## ■ Growth & Focus Reporting

- ❑ The interactive reporting tool automatically generates reports aimed at comparing test sessions for students by identifying a change in scale score and grouping students into focus groups
- ❑ This information is intended to help teachers further modify instruction for those students not making progress or to further support those students excelling in the content area

DRC INSIGHT PENNSYLVANIA Welcome Sample Teacher ▶ Log Out

All Applications ▶ Dashboard Group Map Individual Map Learning Progression Map **Growth & Focus** Quick Links

Student Group: Sample Teacher\_Alg I Data Analysis X Content Area: Math Map Configuration: Algebra I Diagnostic Category: DATA ANALYSIS Test Sessions: Alg I Data Analy... Alg I Data Analy... View

Student Name: (Select) ...

**Growth & Focus - Algebra I**

Diagnostic Category	Student Group	Student Name	Test Session 1	Scale Score 1	Test Session 2	Scale Score 2	Change in Score	SEM	Significant Growth	Group
DATA ANALYSIS	Sample Teacher_Alg I Data Analysis	Morrison, ANGELA	Alg I Data Analysis 4	867	Alg I Data Analysis 5	1791	924	231	yes	all
DATA ANALYSIS	Sample Teacher_Alg I Data Analysis	PEREZ, EDGAR	Alg I Data Analysis 4	585	Alg I Data Analysis 5	774	189	65	yes	focus



## ■ Use Cases

### □ Use Case 1 – Comparing two test sessions

- I want to compare two test sessions to assess **change in scale score, whether there was significant growth**, and which group (all or FOCUS) my students should be in. If my students are in the FOCUS group, how close are students to making progress?

### □ Use Case 2 – Looking at one test session

- It's the **beginning of the year/course** and I've tested my students once. I want to assess which group my students should be in (all or FOCUS). If there are students in the FOCUS group, how close are students to making progress?

### □ Future Use Case 3 – Ability to compare full (DC) event to DC test event

- **NOTE:** This use case is **in development**. The full details and structure will be communicated when it becomes available.)



# Growth & Focus

- Populate the filters based on the Student Group and Test Sessions to be compared
- **NOTE:** Test Session 2 is not a required field.

DRC INSIGHT PENNSYLVANIA MY APPLICATIONS SL

Dashboard Group Map Individual Map Learning Progression Map **Growth & Focus** Batch Download Quick Links

▼ District cdt sample district × ▼ School cdt sample school 1 ▼ Teacher drc sample, teacher ▼ Student Group math test group a ▼

▼ Content Area mathematics ▼ ▼ Assessment math grades 6-8 ▼ ▼ Diagnostic Category algebraic concep ▼ ▼ Test Session 1 algebraic concepts 1 ▼

▼ Test Session 2 algebraic concepts 2 ▼ ▼ Map Configuration math grade 7 ▼ **Go**

## ● ● ● Growth & Focus



# Growth & Focus

- Columns can be sorted, as with any table in the CDT Interactive Reporting tool
- Scroll to the right to see the Group identified

Test Session 1	Scale Score 1	Test Session 2	Scale Score 2	Change in Score	SEM	Significant Growth	
Beginning Algebraic Concepts	1212	End Algebraic Concepts	1326	114	64	no	
Beginning Algebraic Concepts	1023	End Algebraic Concepts	1043	20	65	no	
Beginning Algebraic Concepts	1203	End Algebraic Concepts	1067				
Beginning Algebraic Concepts	1211	End Algebraic Concepts	1467				

SEM	Significant Growth	Group	
66	no	focus	

## ● ● ● Growth & Focus



- Below the table, the test sessions or session that is being reviewed will be displayed as a bar graph
- The bars will show where the students scale score is, in comparison to the anticipated achievement goal that has been identified





# Growth & Focus Demonstration



# Batch Download

# ● ● ● Batch Download



- Batch Download provides users the ability to download Individual Maps as one combined PDF file
- Batch Download can also be used to print an Individual Map for a select student or group of students
- **Future Update:** On-demand District Student Data File available through the use of Batch Download feature

The screenshot shows the 'Batch Download' interface within the 'DRC INSIGHT PENNSYLVANIA MY APPLICATIONS' system. The navigation bar includes 'Dashboard', 'Group Map', 'Individual Map', 'Learning Progression Map', 'Growth & Focus', and 'Batch Download'. Below the navigation bar is a search field labeled 'Enter school name or code\* (max 50 results)'. The main content area contains several dropdown menus: 'Report', 'Student Group', 'Content Area', 'Map Configuration', and 'Session'. To the right of the 'Map Configuration' and 'Session' dropdowns are two buttons each, one with a plus sign and one with an eye icon. At the bottom, there are 'Session Start' and 'Session End' date pickers, each with a calendar icon, and two buttons with a list icon and an 'X' icon.

## ● ● ● Batch Download



### ■ Begin typing school name or AUN

Enter school name or code\* (max 50 results)

sample



[Sample District:412345678 | Sample School 1:012345678 | 2019/2020 Classroom Diagnostic Category Tools](#)

Sample District:412345678 | Sample School 2:023456789 | 2019/2020 Classroom Diagnostic Category Tools

Sample District:412345678 | Sample School 3:987654321 | 2019/2020 Classroom Diagnostic Category Tools

### ■ Select format to download

- Individual Map – Color or Grayscale
- Individual Map with ECCs – Color or Grayscale

### ■ Color is optional for printing purposes

Report \*

Individual Map - Color

Individual Map - Color

Individual Map with ECCs - Color

Individual Map - Grayscale

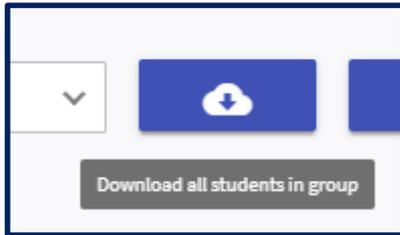
Individual Map with ECCs - Grayscale

Content Area

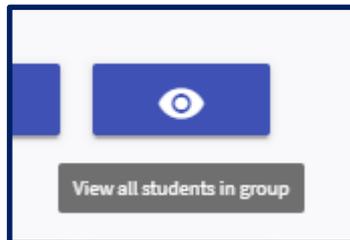
# ●●● Batch Download



- Select **Student Group**
- Select **Content Area** and **Map Configuration**
- **Download** button is enabled



- **View Student List** is enabled



Student Group: \*

Schweiss group

Content Area: \*

Mathematics

Map Configuration: \*

Algebra I

Session: \*

Alg I ALL

# ● ● ● Batch Download



## ■ Download all students in group

- Use this to generate a PDF file for all students in the selected Student Group.
- This format is ideal for conferencing purposes.
- The PDF file will open in new browser window.
- If the PDF file does not appear in another browser window, check pop-up blockers.

## ■ View all students in group

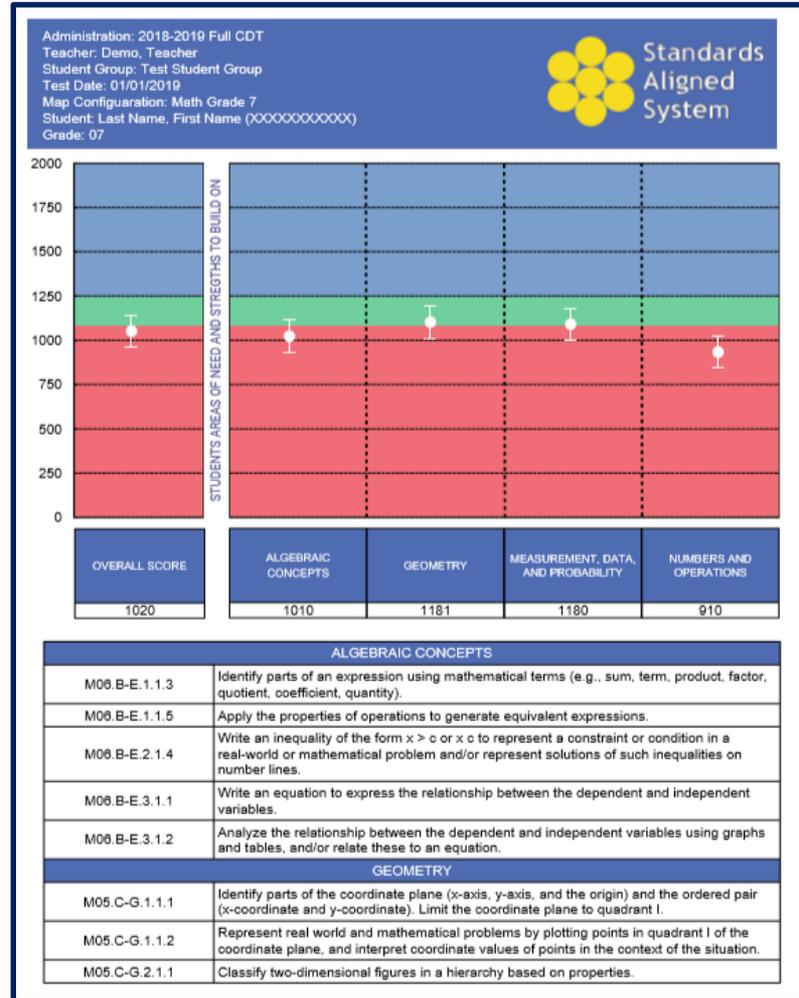
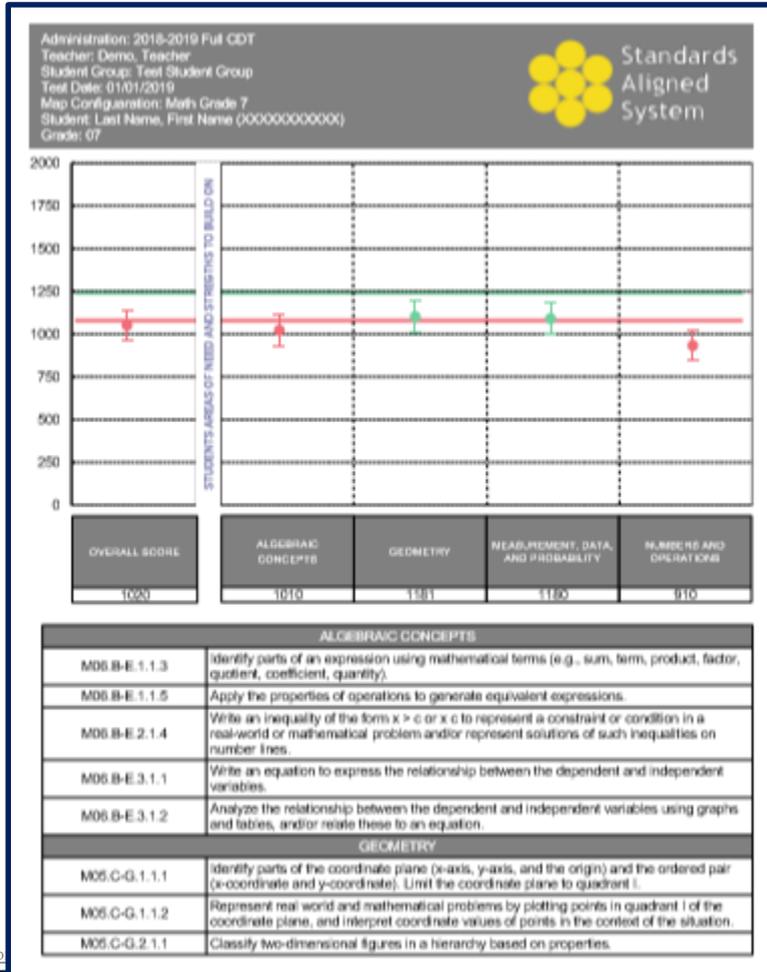
- Use this to populate the list of students associated to the selected student group

Students						
Select	Last Name ↑	First Name	State Student ID	Date of Birth	Grade	Action
<input type="checkbox"/>	ALVAREZ	WILLIE	2810741204	Nov 22, 2003	11	
<input type="checkbox"/>	ANDREWS	HERMAN	6851639416	Oct 29, 2003	11	
<input type="checkbox"/>	BENNETT	AARON	1091310637	Oct 20, 2003	04	

# ● ● ● Batch Download



## ■ Format of Individual Map PDF



## ● ● ● Batch Download



- Student list from selected Student Group will populate at bottom of page after clicking 'View all students in group'
- Download individual student by clicking download action on student row

Students						
Select	Last Name ↑	First Name	State Student ID	Date of Birth	Grade	Action
<input type="checkbox"/>	ALVAREZ	WILLIE	2810741204	Nov 22, 2003	11	
<input type="checkbox"/>	ANDREWS	HERMAN	6851639416	Oct 29, 2003	11	
<input type="checkbox"/>	BENNETT	AARON	1091310637	Oct		

- Select individual student or multiple students from list to download
- Once selection(s) made, 'Download All Selected' option available

Students		
Select	Last Name ↑	First Name
<input checked="" type="checkbox"/>	ALVAREZ	WILLIE
<input checked="" type="checkbox"/>	ANDREWS	HERMAN
<input checked="" type="checkbox"/>	BENNETT	AARON
<input type="checkbox"/>	BOYD	PAULINE
<input type="checkbox"/>	BOYD	GLENN

**Download All Selected**



# Batch Download Demonstration

## ● ● ● Resources



- This presentation is available on the DRC INSIGHT Portal and CDT Interactive Reporting - Quick Links

- My Applications > General Information > Documents > 2019-2020 Classroom Diagnostic Tools > User Guide

- Customer Service Team - (7:30 a.m. – 4:00 p.m. EST)

**CDT: 888-551-6935**

[pacustomerservice@datarecognitioncorp.com](mailto:pacustomerservice@datarecognitioncorp.com)