

**Configuration**  
Configure and submit the following fields to view data.

1. Population \*

All schools in the state

2. Base Year \*

2112

3. Base Test and Subject \*

State Test Math 4th Grade

**Submit**

### CONFIGURATION TILE

When you arrive to the Scatterplot Report, select a population, base year, and base test and subject in this menu.

After clicking **Submit**, your scatterplot will appear along with a filter panel, data tile, and graph legend.

**Configuration**

**Population**  
All schools in the state

**Base Year**  
2112

**Base Test and Subject**  
State Test Math 4th Grade

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**Axes Selection**

Growth vs. Achievement

**Flip axes**

**Compare by**

None

Year

Grade

Other

### CONFIGURATION SELECTIONS

When you are ready to look at a different population, year, or test and subject, open the configuration tile again by clicking on the blue **Configuration** banner.

### AXES SELECTION

Click here to select the variables for your scatterplot. You can choose from a range of predefined selections or opt for custom axis selections.

### FLIP AXES

Click here to flip your axes in case that provides a more meaningful view.

### COMPARE BY

Use the radio buttons to compare by year, grade, or other.

### HIGHLIGHT YOUR DATA

The data tile below the scatterplot offers detailed information about your data points.

You can also highlight a chosen data point by assigning it to one of four data groups. This gives your data point a unique shape and color, setting it apart from the default purple dots.

You can assign as many data points to each group as you like. You can also use the Hidden group to remove a set of data points.

**2112 State Test Math 5th Grade**  
Growth Index by Achievement

All Districts > Grand Tower

**Grand Tower**

Hover over a school to view its data points

Data Group	School	Growth Index	Achievement
<input type="radio"/>	Bluebird Bay Elementary	-0.66	450.7
<input checked="" type="radio"/>	Canary Creek Elementary	0.45	449.3
<input type="radio"/>		0.18	448.2

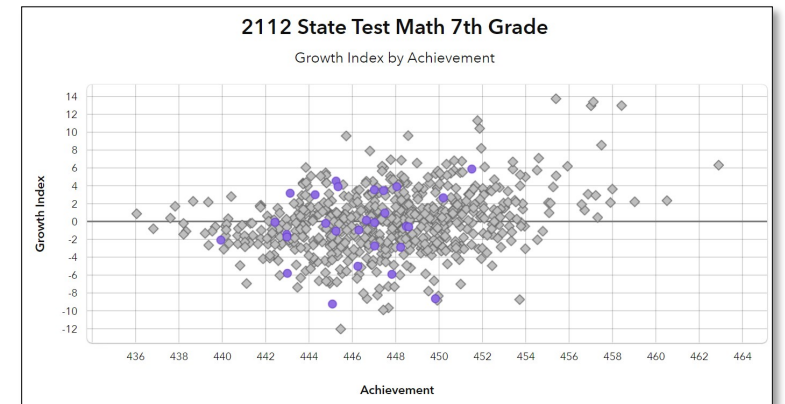
**Data Group Selection:**

- Default
- Group A
- Group B
- Group C
- Group D
- Hidden

## Features of the New Scatterplot

### EXPANDED DATA VIEWS

Examine relationships between two variables for your own data points in purple, with population data points in gray for context.



### EASY COMPARISONS

Compare scatterplots by year, grade, or other using the Compare by options in the filter panel along with the buttons above the graph.

**Compare by**

None

Year

Grade

Other

Compare By Year: 2110 2111 2112 **Compare Separately**

**2112 State Test Math 7th Grade**  
Growth Index by Achievement

### CUSTOMIZABLE DISPLAYS

Assign, activate, and deactivate data groups to customize your views through the data tile and graph legend.

**Graph Legend**

Data Groups **Active**

- School (Default)
- School (Group A)
- School (Group B)

### I want to know...

The relationships between growth and achievement for my school or district alongside other data points in the population

How to highlight a data point, or a group of data points, on the Scatterplot Report

How the relationships between growth and achievement compare across two different assessments

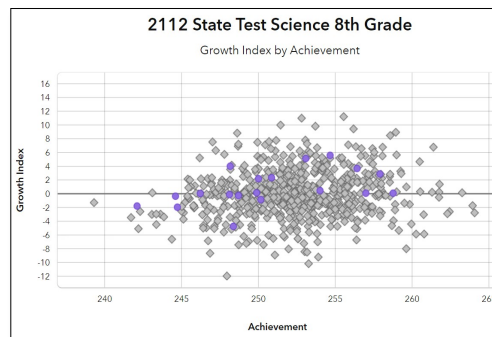
How to view relationships between other types of data points and make my own custom selections to display

### What do I click?

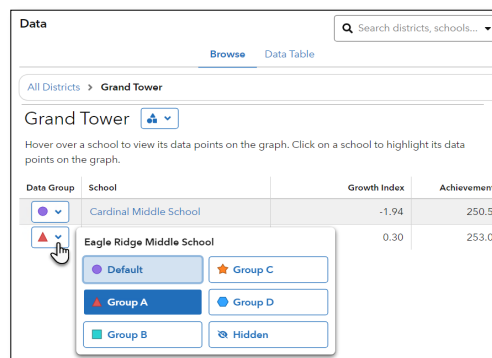
- ⇒ From the **Reports** menu, select **Scatterplots**
- ⇒ Choose the **Population** you are interested in
- ⇒ Choose the current year and a **Base Test and Subject**
- ⇒ Click **Submit**
  
- ⇒ In the **Data** tile below the graph, find the data point you would like to highlight
- ⇒ Click the purple dot next to the data point to open the drop-down menu
- ⇒ Select a data group to give it a distinctive shape and color
  
- ⇒ Select a population, base year, and base test and subject of interest
- ⇒ Choose **Other** from the **Compare by** menu
- ⇒ Click **+Add Other Comparison** to add another test and subject to your views
  
- ⇒ Under **Axes Selection** in the filter panel, select from the predefined selections or use the custom axis selections
- ⇒ Choose from an array of **Vertical Axis** and **Horizontal Axis** options using the drop-down menus

### What will I see?

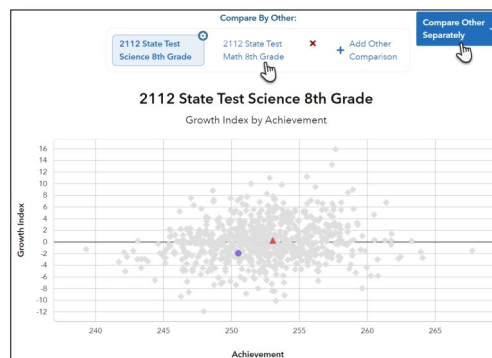
You will see a graph showing the relationship between growth and achievement with your data points in purple.



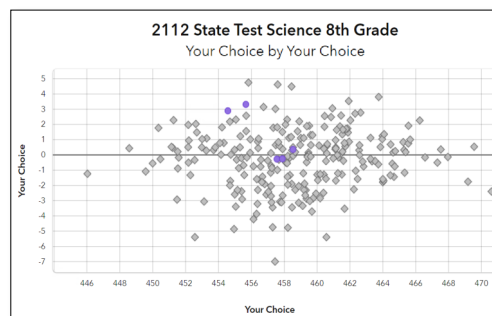
You will see that the data point on your scatterplot now displays a new shape and color based on its assigned group.



You will see options to view either subject above the graph. Click between them or click the blue **Compare Other Separately** button.



You will see a scatterplot of the relationship between your selected axes for your population, year, and test selections.



### How can the components help me?

#### Configuration Tile

This tile appears when you arrive to the report and also sits at the top of the filter panel when you have made your selections. It enables you to select and update your desired population, base year, and base test and subject.

#### Axes Selection

This section on the filter panel is displayed on the report just beneath the configuration tile. Each drop-down menu enables you to choose what information is displayed on the scatterplot axes. The default view shows the relationship between Growth Index and Achievement.

- **Predefined Axis Selections** - You can choose from a selection of measures to plot on a scatterplot.
- **Custom Axis Selections** - You can also select your own combinations of measures from the **Vertical Axis** and **Horizontal Axis** options.
- **Flip Axes** - You can flip the vertical and horizontal axes to change the perspective of the data for interpretation.

#### Data Tile

This tile sits below the scatterplot and enables you to highlight data points using the **Data Group** drop-down menus. The **Data Table** tab displays numerical values for each data point in your scatterplot.

#### Graph Legend

This component gives you the ability to activate or deactivate specific data groups using the **Active** buttons. It also provides information about visible elements and reference lines on your scatterplot.