

Exploring Analysis Grids

This Quick Reference Sheet covers Group and Trend Analysis (Review), although other types of analysis are also available, including Result Set, Aspect and Chance. An analysis grid is the framework for an analysis and resembles a spreadsheet, i.e. it consists of rows and columns. The contents vary according to the type of analysis grid. Usually, this is a list of pupil/students or groups (rows) and the marks/grades they achieved for an aspect (columns).

Clone Button



To avoid creating a similar analysis from scratch, you can clone a current analysis, change its name, then change the associated aspect, groups, etc.

Export Data Button



Exports the data in one of the available formats. This data can then be opened in Microsoft® Word, Excel, etc. to be formatted and included in, for example, school reports.

Copy to Clipboard Button



Copies the data, which can then be pasted into Microsoft® Word, Excel, etc. Only the data is copied to the clipboard, not the structure of the analysis grid.

Graph Button



Opens a chart that graphically represents the data in the analysis grid. The style of graph can be amended, together with the colours and other display properties.

Name Field

Enter a unique, meaningful name for the analysis grid (up to 25 alphanumeric characters).

Narrow Button

Toggles the width of the columns between normal and narrow, enabling more information to be displayed on-screen.

Rows Button

Changes the required row pattern.

Group Filter

Changes the group filters (Group Analysis) or the selected group (all other analysis types).

Show Groups Check Boxes

Used to determine the gender of the pupil/students whose performance you want to analyse.

Group Analysis Details :Eg Gp Anl Result Sets

Save Undo Print Copy Clone Export Graph Narrow

1 Basic 2 Categories 3 Properties

Name: Eg Gp Anl Result Sets Outcome Type: Mean Grade Columns

Aspect: Maths Attainment Level

	Year 7 Autumn Term	Year 7 Spring Term	Year 7 Summer Term	Year 8 Autumn Term	Year 8 Spring Term	Year 8 Summer Term	Year 9 Autumn Term	Year 9 Spring Term	Year 9 Summer Term
Year 7(ALL)	4C	4B	4A	5C	5B	5A	6C	6C	6B
Year 8(ALL)	4C	4B	4A	5C	5B	5A	6C	6C	6B
Year 9(ALL)	3A	4C	4C	4B	5C	5B	5A	5A	6C
Abbot, Claire	5B	5A	5A	6C	6A	7C	7B	7B	7A
Adams, Kathryn	4C	4B	4B	4A	5B	5A	6C	6C	6B
Allen, Megan	3B	3A	3A	4C	4A	5C	5B	5B	5A
Anderson, Jacob	4C	4B	4B	4A	5B	5A	6C	6C	6B
Appleby, Harbinder	4B	4A	4A	5C	5A	6C	7A	6B	6A
Arnold, Lisa	4C	4B	4B	4A	5B	5A	6C	6C	6B
Arnold, Randeep	3B	3A	3A	4C	4A	5C	5B	5B	5A

Rows

Group Filter

Show Groups All Male Female

Rounding On Result Filter

Outcome Type

Defines the format of the data displayed in the analysis grid.

Cells

Double-click a cell to reveal the corresponding pupil/student data.

Rounding On Check Box

Use this check box to toggle between integer and two decimal places for the score/mark displayed.

Result Filter Button

Defines the required result filters. Use this to restrict the data displayed in the analysis grid.

Populate Grid Button

Populates the grid with results.

Using an Existing Analysis

In the following instructions, replace **<Analysis Type>** with the appropriate type of analysis you wish to perform, e.g. Aspect Analysis.

Permissions in SIMS Analysis

The functionality available when working with an analysis grid is determined by the level of permissions assigned in System Manager.

Selecting an Analysis Type

There are six analysis types: Group, Aspect, Result Set, Chance, Trend Analysis (Review) and Trend Analysis (Prediction).

1. Select **Focus | Assessment | <Analysis Type>** to display the **Find <Analysis Type>** browser.
2. Click the **Search** button to display all analyses.
3. Highlight the required analysis, then click the **Open** button to display the **<Analysis Type> Details** page.

Marksheet Entry	
Progress Grid Entry	
QMR Entry	
Individual Report	
Aspect	
Grade Set	
Result Set	
Lookup Tables	
Template	
Progress Grid Template	
OMR Template	
Group Analysis	
Aspect Analysis	
Result Set Analysis	
Chance Analysis	
Trend Analysis	Review Prediction
Tracking Grid Templates	
Tracking Grids	
Discover	

Populating an Analysis

Once the appropriate column pattern, groups and pupil/students have been selected, populate the grid/graph with results by clicking the **Populate Grid** or **Populate Graph** button.

Printing an Analysis

Prior to printing, ensure that the analysis grid/graph has been populated using the appropriate parameters. You should also ensure that summary rows and columns are displayed as you wish them to appear when printed.

In addition, rows (containing pupil/student data in a group analysis) should be expanded or contracted as required.

1. Select **Focus | Assessment | <Analysis Type>** to display the **Find <Analysis Type>** browser.
2. Select the analysis you wish to print.
3. Set up the analysis graph as you want it to be displayed when printed.
4. Click the **Print** button.

Saving an Analysis

Click the **Save** button. Only the structure of the analysis is saved.

Cloning an Analysis

1. With the required analysis open, click the **Clone** button.
2. Enter a name for the new analysis.
3. Click the **Save** button. The analysis can then be amended as required and populated with data without affecting the original grid/graph.

Deleting an Analysis

When deleting an analysis, only the analysis grid/graph is deleted - the data held within the grid/graph is retained.

1. Select **Focus | Assessment | <Analysis Type>** to display the **Find <Analysis Type>** browser.
2. Highlight the analysis you wish to delete.
3. Click the **Delete** button then confirm that you wish to delete the analysis grid/graph.

Exploring a Trend Analysis (Review) Graph

A Trend Analysis (Review) allows median quartile (value added) lines and progression lines to be used against defined 'input' and 'outcome' Aspects. For example, you may wish to create a Trend Analysis (Review) to display individual pupil/student achievements against expected outcomes. These can then be compared with a selected benchmark, using the trend lines contained in the Autumn Package or LA/School defined trend lines.

Save Chart Button



Saves a chart to disk in a range of formats.

Data Editor Button



Saves a chart to disk in a range of formats.

Zoom Button



To view a close-up of an area, click the **Zoom** button. Click and drag the area of the chart you wish to view then release the mouse button. Click the **Zoom** button again to cancel the zoom.

Show Legend Button



Toggles the legend display on and off.

Name Field

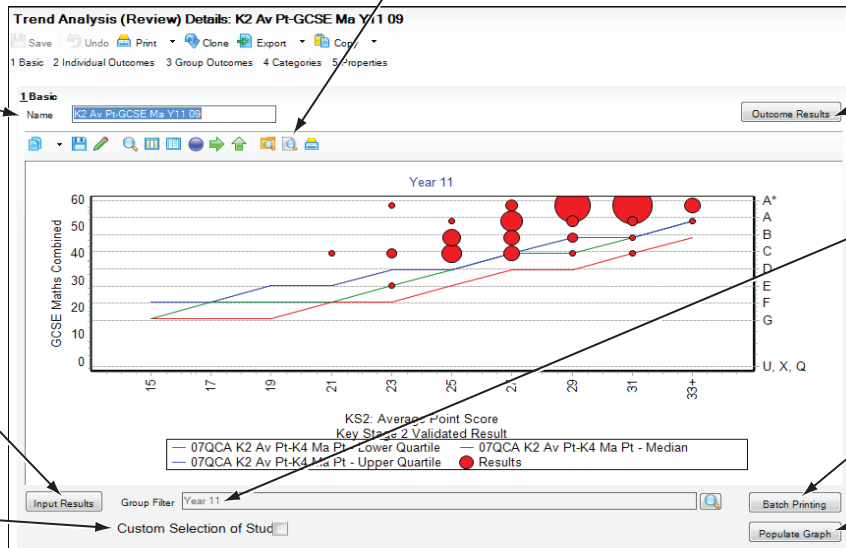
Enter a unique, meaningful name for the analysis graph (up to 25 alphanumeric characters).

Input Results Button

Enables you to define the data for the x-axis.

Student Gender

Select the appropriate radio button to choose the pupil/students to be included in the analysis.



Outcome Results Button

Enables you to define the data for the y-axis.

Group Filter

Enables you to select the required group for analysis.

Batch Printing Button

Enables Trend Analysis graphs to be printed for more than one group at a time.

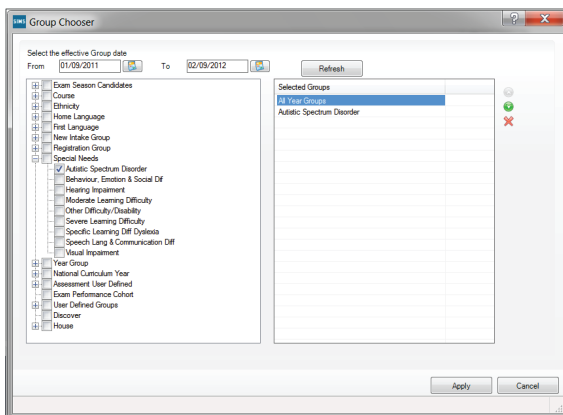
Populate Graph Button

Populates the graph based on the selections made.

Using an Existing Analysis

A Group Analysis enables you to compare the performance of a selection of groups of pupil/students against a single Aspect. It can show the number or percentage of pupil/students in each group, who achieved each possible mark or grade, for the selected aspect.

1. Select **Focus | Assessment | Group Analysis** to display the **Find Group Analyses** browser then click the **New** button to display the **Group Analysis** wizard. The items displayed in the wizard depend on the column pattern type selected.
2. Select the required group(s) by clicking the **Selected Groups** Field Browser button to display the **Group** chooser.



3. Select the required group(s), click the **Apply** button then click the **Next** button.
4. Select the required **Column Pattern Type** from the drop-down list.
5. Select the required **Column Pattern** by clicking the **Column Pattern** Field Browser button to display the **Pattern** chooser. Select the required pattern then click the **OK** button. Click the **Next** button.
6. Select as appropriate from the **All**, **Male** and **Female** check boxes.
7. Enter the **From** and **To** membership dates or click the **Calendar** button then select the required dates. Click the **Next** button.

8. If prompted, click the **Aspect** Field Browser button to display the **Aspect** browser then choose the required aspect by selecting the appropriate check box(es) and clicking the **Select** button.
9. To analyse a result set, click the **Result Set** Field Browser button to display the **Select Result Set** dialog, highlight the appropriate result set then click the **Select** button. Alternatively, select options from the **Filters to be used if no Result Set** panel.
10. If you do not wish to include in the analysis pupil/student results achieved at another school, select the **Exclude Results from other Schools** check box. Click the **Next** button.
11. Select an **Outcome Type** from the drop-down list. The options available depend on the aspect type previously selected.
12. Click the **Finish** button to display the analysis grid.
13. Enter a suitable, unique **Name** for the Group Analysis then click the **Save** button to save the analysis grid.

Tips for Using SIMS Analysis

- To view the names of pupil/students who achieved a specific outcome result, double-click a red dot to display the **Student Details** dialog.
- The size of the red dot is an indication of the number of pupil/students achieving a result; the bigger the dot, the more pupil/students achieved the result.

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This guide is based on the version of the software (7.148) in use at the time of publication.