

SIMS Assessment

Primary Assessment Tracking

User Guide

V3



PAT Tracking and SIMS

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Introduction:

Background

In May 2013, the Secretary of State announced: 'as part of our reforms to the national curriculum, the current system of 'levels' used to report children's attainment and progress will be removed. It will not be replaced.' This policy decision followed recommendations from the national curriculum Expert Panel (DfE: 2011) chaired by Tim Oates. 'Reforming assessment and accountability for primary schools' stated 'schools should have the freedom to decide how to teach their curriculum and how to track the progress that pupils make' (DfE, 2014: p4). These announcements made it clear that central government was no longer going to dictate how schools should record and report progress between statutory tests.

The above announcement offered freedom of choice but unsurprisingly created a period of confusion with schools as to deciding on the best method of tracking pupil attainment and progress against a completely new curriculum. In the months that followed, schools chose to either stay with NC levels, move to their own model of summative assessment or elected to follow the Local Authority TIPPS framework.

In each case, the MIS Team were able to develop appropriate resources within SIMS Assessment Manager as well as a wide range of reports and grids to quickly analyse termly attainment data.

What is PAT?

The local Authority's TIPPS framework is a bespoke programme of study designed by Education Gateshead to aid classroom teachers with delivery of the new National Curriculum. The original summative assessment linked to this framework was based on a progressional grade set that enabled schools to assess a child as Developing, Making Progress or Mastering the curriculum POS they were being taught.

The following grade set sample shows the grades that were previously available.

- 1.1 Year 1 : Developing
- 1.2 Year 1 : Making Progress
- 1.3 Year 1 : Mastery
- 2.1 Year 2 : Developing
- 2.2 Year 2 : Making Progressetc

Since its introduction, the effectiveness of TIPPS and how well the summative assessment model supports the tracking of pupil attainment and progress has been continuously monitored and following feedback from schools and LA education support officers a new model for summative assessment has been developed to meet the changes. The **Primary Assessment Tracker (PAT)**.

PAT replaces the progressional grade set above with a generic grade set that can be applied across all national curriculum years. The revised grades identify how a child is performing at any given assessment period against their specific programme of study and consists of the following grades/statements.

Grade	Statement
6	<p>Is on track to work at greater depth within the year group expectations.</p> <p>They are always successful in understanding the key learning aims and are able to apply their knowledge and skills in a range of contexts.</p> <p>They will transfer knowledge and skills independently.</p>
5	<p>Is on track to meet year group expectations.</p> <p>They are usually successful learners, showing good understanding of the year group objectives taught.</p> <p>They are usually able to learn new skills, and use them accurately and independently. They can apply their learning in other contexts.</p>
4	<p>Is on track to meet some, but not all, year group expectations.</p> <p>Is successful at learning new concepts and is starting to apply their skills independently, but not consistently.</p> <p>Is usually able to improve work following feedback and support.</p> <p>Will have some smaller gaps in learning.</p>
3	<p>Is able to access the curriculum for their year group but has significant gaps in their learning.</p> <p>They nearly always need some scaffolding and/or support to understand and embed new concepts and skills.</p> <p>Can often not apply their learning independently.</p>
2	<p>Is accessing the programme of study from an earlier year group.</p> <p>They need individual support and scaffolding.</p> <p>The child may be doing different tasks to the rest of the class and intervention may be in place.</p>
1	Is working on P-Scales

Our PAT tracker package consists of a range of SIMS Assessment Manager resources, designed by the MIS Team, and is freely available to any school that wishes to implement this model of summative pupil tracking.

The package contains the following components:

- **Marksheets**

Schools can easily record termly teacher assessment for every pupil in Reading, Writing and Maths and view alongside statutory EYFS, KS1 and KS2 outcomes. Added colour coding visualises grade distribution, while pastoral, contextual and prior attainment filters can be applied to focus in on specific groups of pupils.

- **Tracking Grids**

Pupil attainment data is presented by grouping individual pupils by latest attainment outcomes and comparing over time or by comparison to a previous interim or statutory attainment outcome. Pastoral and contextual filters can be applied to focus in on specific groups of pupils.

- **Group Analysis**

Review the performance of pupil groups in the form of a percentage distribution chart. Comparisons can be made between pastoral groups or by contextual groups such as Pupil Premium, SEN etc.

- **Aspect Analysis**

View a percentage distribution chart comparing how pupils are performing across different subjects. Pastoral and contextual filters can be applied to focus in on specific groups of pupils.

- **Result Set Analysis**

View a percentage distribution chart comparing how pupils are performing in a subject over time. Pastoral and contextual filters can be applied to focus in on specific groups of pupils.

- **Chance Analysis**

Compare current attainment against prior attainment including outcomes from other assessment models. e.g. Compare Y5 spring maths attainment against statutory KS1 Maths TA. Pastoral and contextual filters can be applied to focus in on specific groups of pupils.

- **Individual Reports**

Design and produce individual pupil reports to present attainment data that can be shared with parents or used by teachers to support intervention. Include non-assessment data such as attendance to provide a broader statement on the child.

- **Discover**

Enable schools to analyse their PAT data and to display the results in a variety of graphical formats, e.g. bar graphs, progression line graphs, pie charts and Venn diagrams

How has the PAT Tracking Model Changed?

The MIS Team have carried out a number of developments and created a range of additional analysis resources for the PAT Tracking Model.

These include:

- Re-grading the On Track calculations to include grade 4, along with all Calculations into the Read/Write/Maths columns and analysis grids.
- Individual Reports
- Next Steps and comments columns on marksheets
- A range of Discover resources (please see chapter 5) including stacked bar charts, Venn diagrams, to analyse your assessment data in a graphical format.

The MIS Team have also created additional marksheets and analysis resources to assess pupils on a half termly basis, if your school wishes to implement half termly assessment, please advise the MIS Team, the basic PAT install will be on a termly basis.

The MIS Team have also created additional foundation subject marksheets and analysis resources to assess pupils in Science, History, Geography, ICT and RE. If your school wishes to implement half termly assessment, please advise the MIS Team, the basic PAT install will be on a termly basis.

01

Viewing and using the PAT Data Entry Marksheets

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Chapter Introduction

In this chapter you will find instructions on how to locate and use the **PAT** tracking marksheets.

Schools have a number of options on how to record attainment data into SIMS using PAT marksheets.

- Written assessments are supplied by the teacher to the admin staff and manually keyed into SIMS, result by result. This option can be time consuming and carries an inherent risk that data is mistyped.
- In schools that can access SIMS in the classroom, teachers can enter termly assessment information directly into the marksheets within SIMS. Marksheets for a specific class are located alongside the daily attendance register so are easy for teachers to access. Using this option ensures accuracy and reduces the time between assessment and analysis.
- Schools without classroom access to SIMS can simply export class marksheets into MS Excel, have the teacher enter their assessment data into the spreadsheet, then import the Excel file back into SIMS. This option maintains the accuracy of data and reduces time between assessment and analysis. This has the added benefit that teachers can complete their assessments inside or outside of school by copying their Excel marksheet to a secure portable drive.

Wherever possible we recommended that you use one of the latter two methods as they avoid duplication of effort, risk of error in re-keying data and allow the school to begin analysing data far earlier.

Latest Improvements

The latest versions of the PAT marksheet templates now include all of the statutory teacher assessment grades for each subject. These include EYFS, KS1 and KS2 outcomes and allow prior attainment analysis to be performed from within the marksheet.

The following marksheet templates are currently available within Assessment Manager.

NOTE

If your school wishes to assess pupils on a half termly basis or using additional foundation subjects, please contact the MIS Team they will ensure that the half termly or additional subject marksheets and analysis are imported to your school.

Contact: 0191 4338525 (option 1)

Whole School Review Core Subjects

PAT_Termly Assessment ALL Years

Year Group Data Entry and Review Core Subjects

PAT_Termly Assessment Y1 [Core Subjects]

PAT_Termly Assessment Y2 [Core Subjects]

PAT_Termly Assessment Y3 [Core Subjects]

PAT_Termly Assessment Y4 [Core Subjects]

PAT_Termly Assessment Y5 [Core Subjects]

PAT_Termly Assessment Y6 [Core Subjects]

Year Group Review Marksheets Foundation Subjects (Science, History, Geography, IT and RE)

PAT_Termly Assessment Y1 (Foundation 1)

PAT_Termly Assessment Y2 (Foundation 1)

PAT_Termly Assessment Y3 (Foundation 1)

PAT_Termly Assessment Y4 (Foundation 1)

PAT_Termly Assessment Y5 (Foundation 1)

PAT_Termly Assessment Y6 (Foundation 1)

Year Group Review Marksheets Foundation Subjects (Speaking & Listening, Wellbeing, Design & Technology, Art, Music, P.E. and MFL for KS2 year groups)

PAT_Termly Assessment Y1 (Foundation 2)

PAT_Termly Assessment Y2 (Foundation 2)

PAT_Termly Assessment Y3 (Foundation 2)

PAT_Termly Assessment Y4 (Foundation 2)

PAT_Termly Assessment Y5 (Foundation 2)

PAT_Termly Assessment Y6 (Foundation 2)

PAT Data Entry Marksheets Foundation Subjects (Science, History, Geography, IT and RE, Speaking & Listening, Wellbeing, Design & Technology, Art, Music, P.E. and MFL for KS2 year groups)

PAT_Data Entry Y1 (Aut/Spr/Sum)

PAT_Data Entry Y2 (Aut/Spr/Sum)

PAT_Data Entry Y3 (Aut/Spr/Sum)

PAT_Data Entry Y4 (Aut/Spr/Sum)

PAT_Data Entry Y5 (Aut/Spr/Sum)

PAT_Data Entry Y6 (Aut/Spr/Sum)

EYFS Good Level of Development Calculator

EYFS Profile Good Level Development 2017

A pupil achieving at least the expected level in the ELGs within the three prime areas of learning and within literacy and mathematics is classed as having "a good level of development" - a Y (yes) or N (No) result will be produced for each pupil.

This is generated via the Wizard Manager as part of the End of year Statutory Assessments for Reception students.

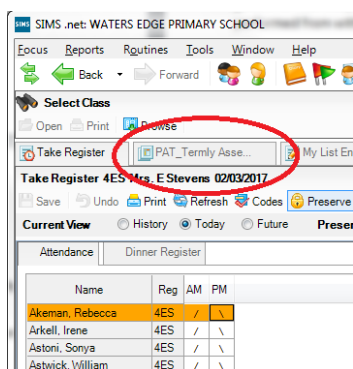
If you have students move into school and have FSP data transferred via their Common Transfer File (CTF) the above process will need to be carried out, please contact the MIS Team to carry out this procedure.

Locating Data Entry Marksheets

Teaching Staff

Where SIMS is available within the classroom, marksheets based on registration groups are easily accessible to teachers and allow the capture of data at source.

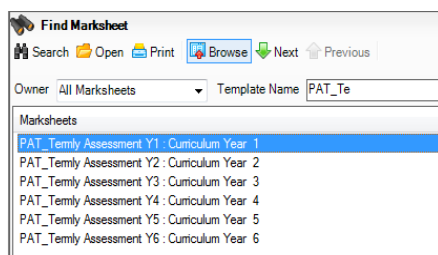
1. Teachers can view their data entry marksheets alongside the daily class register tab for their group via **Focus | Attendance | Take Register**
2. Select the PAT Termly Assessment tab to display the class marksheet.



3. Click the **Narrow** button to narrow all the columns in the marksheet, making it easier to read.
4. Click the **Calculate** button to ensure all colour coding and formulae are applied, then click **Save**.
5. Click **Zoom** to expand the marksheet making it easier to view and navigate.

Admin Staff

1. To locate the marksheets, admin staff will need to select **Focus | Assessment | Marksheet Entry**.
2. In the **Template Name** box type **PAT_Te**, and then click the **Search** button.



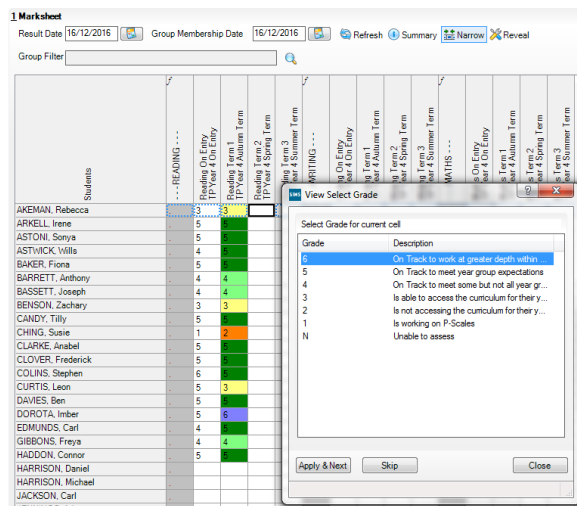
3. Highlight the required marksheet e.g. **PAT_Termly Assessment Y1 : Curriculum Year 1**. Click the **Open** button to display the marksheet.
4. Click the **Narrow** button to narrow all the columns in the marksheet, making it easier to read.
5. Click the **Calculate** button to ensure all colour coding and formulae are applied, then click **Save**.
6. Click **Zoom** to expand the marksheet making it easier to view and navigate.

Manual Data Entry

Earlier in the chapter we outlined the different options for collecting termly grades for your pupils. Where SIMS is available to your teachers or where the school administrator opts to key the results into SIMS, manual data entry will be required. Grades can be entered individually or block filled and exceptions adjusted accordingly. In addition to teacher assessment grades, you can also record internal comments regarding a child's learning and identify Next Steps for each subject that can be included in end of term progress reports to parents.

Individual Grade Entry

1. In the marksheet, locate the column representing the area of learning and term of assessment for which you wish to record results. Within that column click in the data entry cell for the pupil for whom you wish to record a result.
2. Manually type the result into the cell ensuring that the result entered is a valid grade. If you enter an invalid grade you will receive a warning and the cell will be emptied.
3. Alternatively, you can right-click on the data entry cell and click **Select Grade for Cell**. Select the grade you wish to assign from the list of available grades then click **Apply & Next** to add the result and move to the next pupil.



4. Enter any internal **Comments** or details of **Next Steps**.
5. Click **Save** to finish.

Bulk Grade Entry

Where either all or the majority of pupils in the marksheet are to be assigned the same grade, you are able to 'flood fill' the column with the common grade then individually adjust any exceptions.

1. In the marksheet locate the column representing the assessment you wish to enter. Right-click on the column header and click **Select Grade for Column**.
2. Select the grade you wish to assign from the list of available grades then click **OK**. All pupils will be assigned the chosen grade.
3. To edit any exceptions, simply follow steps 2 or 3 from the 'Individual Grade Entry' section above.

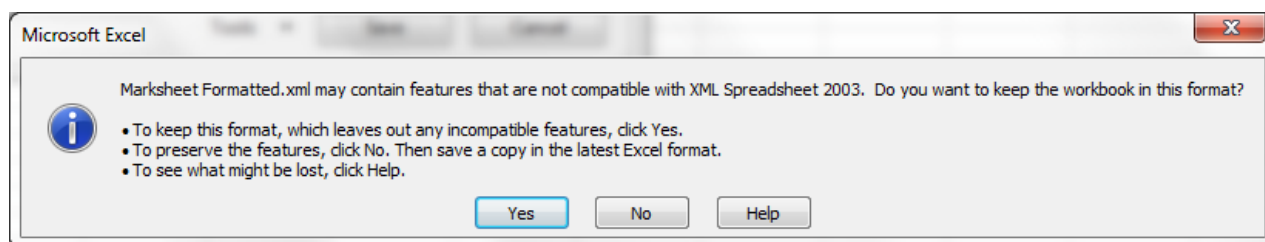
Marksheet Import and Export

Where SIMS is not deployed to your classrooms, there is an increased risk of data errors when results have to be re-keyed by admin staff from lists provided by teachers. To remove this risk and to reduce the burden on administration staff, SIMS allows you to export your data entry marksheets as MS Excel spreadsheets. These can then be passed to teachers to complete when convenient, and when returned, can be imported back into your SIMS marksheets without the need for manual entry.

To Export a Marksheet

1. From the SIMS.net menu, select **Focus | Assessment | Marksheet Entry**.
2. In the Template Name field, enter **PAT** then click the **Search** button.
3. Browse the list for marksheets beginning "PAT_Termly Assessment..." then double click on the marksheet you require.
4. The **Marksheet Entry** screen is opened and you should see all of the pupils for the selected group listed. To export the marksheet, click the **Export** button at the top of the panel. This converts the marksheet into an Excel spreadsheet which should be saved to a convenient location and made available for the teacher to complete their baseline or termly pupil assessments. (You can modify the file name when saving to reflect the relevant class or year group)

5. Please note whenever saving the Excel spreadsheet you will receive the following message. To allow the Import/Export routine to work effectively you **MUST** select **YES** every time.



6. Steps 1- 4 should be repeated for any additional marksheets.

To Import a Marksheet

7. Once the spreadsheets have been completed and returned, save them in a preferred location. e.g. your PC desktop.
8. The files can be imported back into SIMS by selecting **Routines | Data In | Assessment | Import from Spreadsheet**.
9. Click the folder browse button and navigate to your saved spreadsheet(s). Select **Open** followed by the **Next** button.
10. Close any Activity Log that appears. You should now be able to see a preview of your spreadsheet data. Scroll right to see other data columns.
11. If you are happy to proceed, click **Next** then **Finish**. Confirm you wish to proceed then **Close** the Activity Log.
12. Repeat steps 8-11 to import any additional MS Excel spreadsheets.
13. Once your data is successfully imported, you can check your PAT marksheets to ensure imported data has recorded in the correct term and there are no unexpected gaps.
14. From the SIMS.net menu, select **Focus | Assessment | Marksheet Entry**.
15. In the Template Name field, enter **PAT** then click the **Search** button.
16. Browse the list for marksheets beginning "PAT_Termly Assessment..." and double click on the marksheet you wish to check.
17. Once the **Marksheet Entry** screen is opened you should see all of the pupils for the selected year group listed. Check that the data from the spreadsheet has imported into the correct columns.

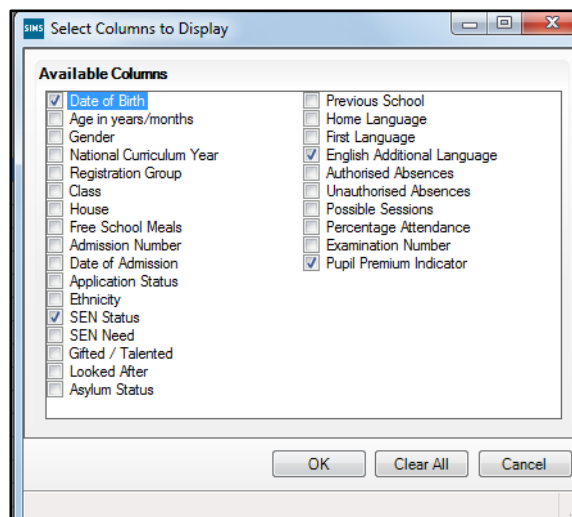
Changing the Layout of Marksheets

SIMS allows the user to modify certain aspects of the marksheet layout to suit their own requirements. Changes made to the marksheet are personal to the user that applies them and will not impact on any other user's view of the marksheet.

Adding Additional Student Columns

SIMS allows you to add extra columns onto your marksheets to provide additional contextual information relating to each pupil. These columns contain a range of pastoral, vulnerability and attendance information that can be used to add context to recorded attainment or progress. These can now be 'frozen' enabling you to move throughout the marksheet, whilst still viewing the additional information.

1. Right-click the **Students** column heading, and then choose the option **Select Additional Student Columns**.
2. From the list, select the additional data column you wish to add to the marksheet by ticking the appropriate item. The additional columns are limited to the items you are presented with however you can add as many of these to your marksheet as required. Remove the tick for any columns you no longer wish to appear.



3. When completed, click the **OK** button. Your additional data columns are automatically added to the left of your marksheet.
4. If you wish to retain these additional columns on the marksheet for later use, click **Save**.

Sorting Pupils

The pupils included in the marksheet can be ordered based on the content of any visible column. You may wish to sort the pupils into order of achievement, by age or by prior attainment to see if patterns exist.

1. For student detail columns (non-assessment data), the ordering process is either ascending or descending simply by clicking on any of the **Student Detail** column headings. Clicking again reverses the sort.
2. To sort pupils based on the contents of an assessment column, right-click on the column header for the chosen assessment and then select **Order Rows | Ascending**, or **Order Rows | Descending** from the pop-up menu.
3. To restore the default alphabetical row order, simply click on the Student column header.

Moving Columns

The default order of the columns within a marksheet is defined by the underlying marksheet template and cannot be changed. New marksheets will always apply this default. However, once created, the columns in the marksheet can be moved around to suit your own requirements. If the marksheet is saved following changes to the column order, pupil details columns will revert back to the left of the marksheet the next time the marksheet is opened. Assessment columns will remain in their amended location.

If the marksheet is deleted then recreated, both the default columns and the column order will be applied.

1. To move a column in the marksheet, click the required column header, hold down the mouse button and drag the column to the required location.
2. To restore the original column order, right-click on the **Student** column header and select **Restore Default Column Order** from the pop-up menu.

Changing Column Widths

From time to time it may be necessary to manually alter the width of a column to get a clearer view of the data. Saving changes to column widths will only have a lasting effect on assessment columns.

1. Move the cursor over the right-hand border of the column whose width you wish to amend. The shape of the cursor will change accordingly.
2. Click and hold down the mouse button and drag to the right or left to expand or contract the width of the column.
3. Clicking the **Narrow** button will globally minimise all column widths, which normally default to four characters. The default width can be globally changed via **Tools | Performance | Options** if required.

Hiding / Showing Columns

Although marksheets may contain hidden columns for the purposes of performing calculations etc., it is possible to manually hide existing columns from view. This can be useful when you wish to focus in on specific data within the marksheet and need to 'de-clutter'.

1. To hide a column, right-click the header of the result column you wish to hide. Click the **Hide Column** button and the column is removed from view.
2. To show where hidden columns are located, click the **Reveal** button above the marksheet. Hidden columns are shown but are identified with **[H]** in the column header.
3. Click the **Conceal** button to re-hide hidden columns.
4. To unhide a hidden column, click the **Reveal** button then right-click the header of the hidden column and select **Unhide Column**.
5. To unhide ALL hidden columns, Right-click any result column header and select **Show Hidden Columns**.

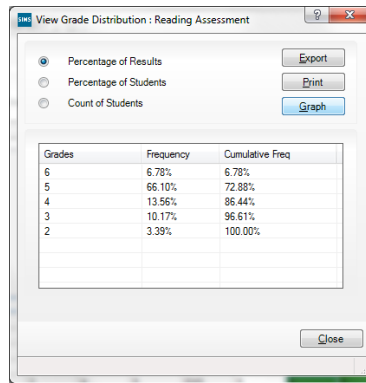
Using the Analysis Features of a Marksheet

Grade Distribution

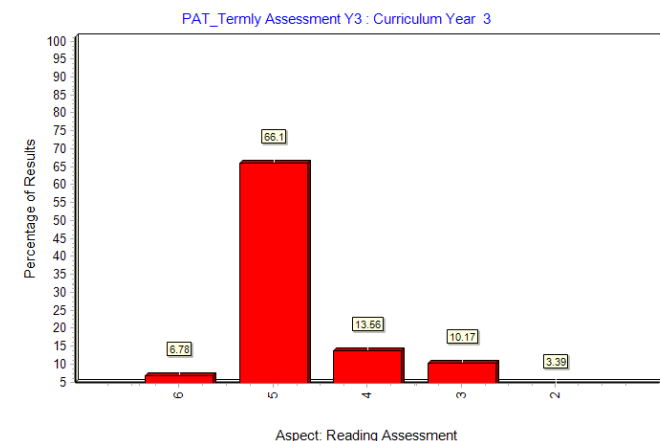
For all marksheets containing Grade columns, it is possible to perform quick analysis on the distribution of grades. However, although this option has its benefits, there are other more efficient and flexible ways of carrying out grade distribution analysis detailed in the following chapters.

As the name infers, this option is only available to analyse grade columns in your marksheet.

1. Select your preferred **PAT_Termly Assessment** marksheet.
2. Right-click in the column header for the result you wish to analyse and from the sub menu select **Show Grade Distribution**. The grade distribution statistics are displayed showing both the Frequency and the Cumulative frequency of the selected assessment.



- It is possible to display the grade distribution as a percentage of results (only includes pupils with a grade), as a percentage of students (includes pupils with no recorded grade), or as a count of pupils achieving each result by selecting the appropriate radio button.
- Clicking the **Export** button will allow you to save the grade analysis as an xml file so it can be viewed in MS Excel.
- Clicking the **Print** button will temporarily open the analysis screen in MS Excel and allow you to send the grid to a printer of your choice.
- Clicking the **Graph** button displays a graphical output of these results.



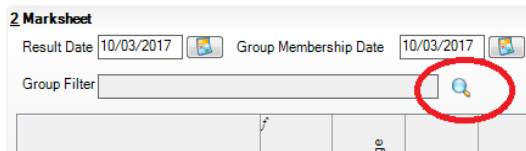
Group Filters

By default all year group or class marksheets will display the full cohort of pupils for the group. The use of group filters can help you limit the pupils displayed in the marksheet based on pastoral and/or contextual information associated with the pupils. For example, this can help you to focus in on the attainment of pupils identified as Pupil Premium or SEN, or to remove these pupil groups from the marksheet for comparative purposes.

Again, there are alternative analysis tools within SIMS that can provide the summative comparison of grades across different groups of pupils (see the next chapter) but the marksheet Group Filter provides a more individualised view of these groups.

Filtering the Pupils Displayed in the Marksheet

- Locate the **Group Filter** field and click the adjacent browser button to display the **Select the Group Filter** dialog.



2. Note the array of filters that can be applied.
3. Also note the **Include** and **Exclude** buttons. If **Include** is selected then the filter, when applied, will limit the pupils in the marksheet to only those from the group(s) you subsequently select. If **Exclude** is selected, the pupils in the group(s) you choose will be excluded from your marksheet. Before selecting a group, ensure the correct button is active (a green tick on the button will indicate this).
4. Click the + icon to expand the required group then select the check box adjacent to the required item. If this was set as an **inclusive** filter the pupil group will then appear in **blue** to indicate that pupils belonging to the selected group will be included in the marksheet. If this was set as an **exclusive** filter the pupil group will then appear in **red** to indicate that pupils belonging to the selected group will be excluded from the marksheet.



5. Repeat step 3 for any other pupil groups you want to include in the marksheet or tracking grid then click **Apply**. The **Group Filter** field above the marksheet will now show "Filter Applied" and the pupils included in the marksheet will have automatically updated according to the filters set.
6. Any Grade Distribution analysis performed on the filtered marksheet will now only represent the pupils that are visible, allowing you to compare outcomes for different groups.
7. The filter can be cleared at any time by going back to the **Group Filter** dialogue and clicking the **Clear Selection** button, which closes the Group Filter dialog and returns the marksheet back to its unfiltered state.

Saving a Marksheet with a Group Filter

Once applied, a group filter can be saved with the marksheet so that only the filtered groups are displayed the next time the marksheet is opened. This is achieved by clicking the **Save** button on the marksheet with the required filter applied.

Note: Unless you remember you have a filter applied, this can cause a degree of panic when you next open the marksheet as your full cohort doesn't appear to be there. To recover all of your pupils simply remove the filter by following step 7 above.

02

Tracking Grids

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Chapter Introduction

In this chapter you will learn how to locate and manage tracking grids. A range of targeted resources have been created in an attempt to reduce the amount of user input required. However, when needed, all of the analysis grids can be modified to suit your own requirements.

Tracking Grids

Pupil tracking grids support schools in tracking the progress of individuals or groups of pupils on a termly or yearly basis. They are an effective means of comparing the current assessment of each pupil against prior attainment or national expectations. From this, it may be determined where resources can best be targeted within the school.

Our PAT Tracker contains a range of tracking grid templates linked to the assessment marksheets described earlier in this chapter, meaning attainment data will feed straight into the grids without any additional data entry.

Staff will be able to see the tracking grids defined by each template, and from there decide which subjects and groups they wish to focus on when populating the grids. Once a tracking grid has been opened, minor changes can be made to the structure of the grid. For example, you might wish to change the source group of pupils on which the grid is based, or change the assessment you wish to analyse. The changes you can make to a grid are determined by the nature of the grid and the template that was used to create it.

Display options can also be changed. For example, you can toggle the display of summary rows and columns, set up additional group filters, etc.

The following Attainment Tracking Grids are currently available but may be modified or added to as the tracker develops:

- ***In Year Tracking Grids*** – these grids plot pupils against their attainment for each term through the academic year from entry to summer term.

PAT_Y1 Termly

PAT_Y2 Termly

PAT_Y3 Termly

PAT_Y4 Termly

PAT_Y5 Termly

PAT_Y6 Termly

- ***In Year Tracking Grids All Subject*** – these grids plot pupils against their attainment for each term through the academic year from entry to summer term for all additional foundation subjects available

PAT_Y1 Termly_ALL Subject	PAT_Y2 Termly_ALL Subject
PAT_Y3 Termly_ALL Subject	PAT_Y4 Termly_ALL Subject
PAT_Y5 Termly_ALL Subject	PAT_Y6 Termly_ALL Subject

- ***PAT_TA Term ALL YEARS*** – this grid plots pupils against their attainment for each National Curriculum Year Group to give a whole school view of attainment.

- ***KS1 & KS2 Groups : EYFS Prior Attainment*** – these grids plot pupils current PAT attainment against end of Reception EYFS outcomes for a given subject.
 - PAT_EYFS ->TA Term Yn Ma
 - PAT_EYFS -> TA Term Yn Re
 - PAT_EYFS -> TA Term Yn Wr

- ***Y2 & KS2 Groups : Key Stage 1 Progress*** – these grids plot pupils KS1 AWL outcomes against the Good Level of Development indicator.
 - PAT_GLD -> KS1 AWL Ma
 - PAT_GLD -> KS1 AWL Re
 - PAT_GLD -> KS1 AWL Wr

- ***KS1 & KS2 Groups : progress from EYFS GLD*** – these grids plot pupils current PAT attainment against end of Reception EYFS Good Level of Development.
 - PAT_GLD ->TA Term Yn Ma
 - PAT_GLD ->TA Term Yn Re
 - PAT_GLD ->TA Term Yn Wr

- ***KS2 Groups : KS1 NC Prior Attainment*** – these grids plot KS2 pupils current PAT attainment against end of KS1 outcomes (Pre 2016 NC sub levels) for a given subject.
 - PAT_KS1 NC -> KS2 Term Ma
 - PAT_KS1 NC -> KS2 Term Re
 - PAT_KS1 NC -> KS2 Term Wr

- ***KS2 Groups : KS1 AWL Prior Attainment*** – these grids plot KS2 pupils current PAT attainment against end of KS1 outcomes (2016+ AWL grades) for a given subject.
 - PAT_KS1 AWL -> KS2 Term Ma
 - PAT_KS1 AWL -> KS2 Term Re
 - PAT_KS1 AWL -> KS2 Term Wr

Staff members using SIMS assessment will be able to track progress based on prior attainment to inform judgements on how well pupils are progressing within their settings.

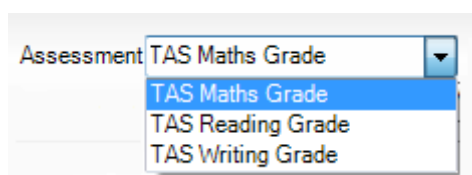
Using Tracking Grids

In Year Tracking Grids

1. Select **Focus | Assessment | Tracking Grid**.
2. Type **PAT** in the **Name** box, and then click the **Search** button. In the left hand panel, highlight the grid you require e.g. **PAT_Y1 Termly**, and then click the **Open** button.
3. Click the down-arrow in the **Assessment** box and choose one of the available assessment aspects.
4. In the **Source Group** browser (magnifying glass) select the pupil group you wish to analyse e.g. **Curriculum Year 1**, and then click the **Apply** button.
5. Click the **Populate** button. The grid will then populate the names of children plotted beneath their attainment column for each period they have been assessed. An example is shown below.

PAT_GRADES : TAS Maths Grade								
	2 : Personalised Support	3 : Significant Gaps	4 : On Track (Partial)	5 : On Track (All)	6 : Greater Depth	Below Target	On Target	Above Target
TAS Termly Y1	Sebastian G	Lettie B Ryan C George H	Valeriya B William C Evis C Paige M	Sofia A Monty D David E Jasmir H Ayra K Philip M Paul M Kostas P Matrona R Enisa Z Layla Z				
TP Year 1 Baseline								
TP Year 1 Autumn Term	Sebastian G		Lettie B Ryan C Evis C David E George H Kostas P Matrona R	Sofia A Valeriya B William C Monty D Ayra K Philip M Paige M Paul M Enisa Z Layla Z	Jasmir H			
TP Year 1 Spring Term		Sebastian G	Sofia A Lettie B Ryan C George H	Valeriya B William C Evis C Monty D David E Philip M Paige M Paul M Kostas P Matrona R Enisa Z Layla Z	Jasmir H Ayra K			
TP Year 1 Summer Term		Sebastian G	Sofia A Lettie B Ryan C Philip M	Valeriya B William C Evis C Monty D David E George H Ayra K Paige M Paul M Kostas P Matrona R Enisa Z Layla Z	Jasmir H			

6. To repopulate the grid based on a different assessment area, simply click in the **Assessment** box and choose another assessment subject then repopulate the grid.



7. The grid can also be customised in a number of ways. Click **Summary Rows** to choose either **Show Summary Rows** and/or **Split Totals by Gender**. Notice how the grid changes.
8. As with marksheet analysis, it is possible to further analyse Tracking Grids by applying a **Group Filter**. The group filter works in exactly the same way as in the marksheet screen by clicking on the **Group Filter** browser icon and selecting the filters you wish to apply. For more details, please refer back to Chapter 1.
9. Clicking the **Actions** button will present you with a range of options for customising the grid. You can change the font size, the width of the columns, pivot the rows and columns and even paint the cells a colour of your choosing. Experiment with the options available to see how the grid changes. There is

also an option in the Actions list to reset the grid back to default should you wish to remove your changes.

- You can save the grid at any time so that it retains your settings for the next time it is opened. If preferred, the name of the grid can be changed in the **Grid Name** field to make it more meaningful and then click the **Save** button.
- If you click the **browser** button and click **Search**, your saved grid should now be displayed in the right-hand window (**My Saved Grids**).

KS1 / KS2 Prior Attainment Tracking Grids

- Select **Focus | Assessment | Tracking Grid**.
- Type **PAT** in the **Name** box, and then click the **Search** button. In the left hand panel, highlight the grid you require e.g. **PAT_EYFS->TA Term Yn Ma**, and then click the **Open** button.
- Click the **Assessment** box and ensure the **PAT Maths Grade** aspect is selected.
- In the **Source Group** browser (magnifying glass) select the pupil group you wish to analyse e.g. **Curriculum Year 1**, and then click the **Apply** button.
- Right click the Column Header **PAT GRADES : PAT Maths Grade** and click **Select Result Set for Columns**.
- Highlight the term of assessment you wish to analyse e.g. **TP Year 1 Autumn Term**.
(Note: PAT tracking resources use Result Sets beginning “TP”)
- Right click the Row Header **PAT EYFS Grades : PAT Maths Grade**. Click **Select Assessment for Rows** then select **PAT EYFS Maths**.
- Click the **Populate** button. The grid will then plot each child in the selected group onto the chart based on their comparative attainment.

		PAT_GRADES : PAT Maths Grade : TP Year 1 Autumn Term				
		2 : Personalised Support	3 : Significant Gaps	4 : On Track (Partial)	5 : On Track (All)	6 : Greater Depth
PAT_EYFS Grades : PAT EYFS Maths	1	Sebastian G	Richard A	Lettie B	Enisa Z Layla Z	
	2		Megan T	Steven A Karolina B Molly B Ryan C Luca C Evia C Ryan F Izabela F George H Henry K Cheng L	Sofia A Valeriya B William C Emma C Monty D Ayra K Philip M Paige M Paul M Omair O Elsa S	Jasmir H
	3		Lucy P	David E Kostas P Matrona R Blanka Z	Aysha P Daania R	Aadi N

- The grid can now be interrogated and customised in the following ways. Click the **down-arrow** next to **Summary Rows** to choose either **Show Summary Rows** and/or **Split Totals by Gender**. Notice how the grid changes.
- As with analysis in marksheets, it is also possible to further analyse Tracking Grids by applying a **Group Filter**. The group filter works in exactly the same way as in the marksheet screen by clicking on the **Group Filter** browser icon and selecting the filters you wish to apply. For more details, please refer back to Chapter 1.

11. Clicking **Actions** will present you with a range of options for customising the grid. You can change the font size, the width of the columns, pivot the rows and columns and even paint the cells. Experiment with the options available to see how the grid changes. There is an option in the Actions list to reset the grid back to default should you wish to remove your changes.
12. You can save the grid at any time so that it retains your settings for the next time it is opened. If you wish, you can change the name of the grid to make it more meaningful for yourself and then click the **Save** button.
13. Click the **Browse** button to open the list of tracking grid templates and click **Search**. Your saved grid should now be displayed in the right-hand window (**My Saved Grids**).

NOTE

If your school wishes to assess pupils on a half termly basis or using additional foundation subjects, please contact the MIS Team they will ensure that the half termly or additional subject marksheets and analysis are imported to your school.

Contact: 0191 4338525 (option 1)

03

Distribution Analysis Grids

This chapter contains:

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Chapter Introduction

In this chapter you will learn how to locate and manage a range of analysis grids. Analysis grids present assessment data as a percentage or numerical distribution of grade outcomes and are designed to focus on analysis by groups, subjects or by time. In addition, we have designed a selection of analysis grids that provide a direct comparison of current vs prior attainment to be able to reflect pupil progress.

A significant number of targeted analysis resources have been created in an attempt to reduce the amount of user input required. However, when needed, all of the analysis grids can be modified to suit your own requirements.

NOTE

If your school wishes to assess pupils on a half termly basis or using additional foundation subjects, please contact the MIS Team they will ensure that the half termly or additional subject marksheets and analysis are imported to your school.

Contact: 0191 4338525 (option 1)

Aspect Analysis

Aspect Analysis Grids are designed to present multiple subject assessment outcomes for a single group of pupils at a single point in time. This allows us to focus on the range of subject assessments that are being recorded at a specific period of time and analyse how the distribution of results changes across pre-defined pastoral and vulnerability groups.

The following Group Analysis Grids are currently available but may be modified or added to as the tracker develops.

Grids are available for each individual year group and currently present outcomes across Reading, Writing and Maths.

NOTE

If your school are using half termly or additional subjects to assess your students the relevant resources have already been imported to your school and will appear when you search for **PAT** within any of the Analysis Types available.

If you have not informed the MIS Team that you wish to use the additional resources, please do so on 0191 4338525 (option 1).

- PAT_Grades Y1 (Entry / Aut / Spr / Sum)
- PAT_Grades Y2 (Entry / Aut / Spr / Sum)
- PAT_Grades Y3 (Entry / Aut / Spr / Sum)
- PAT_Grades Y4 (Entry / Aut / Spr / Sum)
- PAT_Grades Y5 (Entry / Aut / Spr / Sum)
- PAT_Grades Y6 (Entry / Aut / Spr / Sum)

Using Aspect Analysis

1. Select **Focus | Assessment | Aspect Analysis**.
2. Type **PAT** into the Aspect Analysis box, and then click **Search** to filter the available grids.
3. Open the analysis grid you require e.g. **PAT_Subject Grades Y6 Aut**.

The grid will automatically present you with data based on any settings that were in place when the grid was last saved, otherwise it may appear empty. There are 3 choices you will need to make on the Aspect Analysis grid to obtain the data you require.

- **Which assessment term do you wish to analyse?**

You can analyse pupil data from any prior or current attainment period by changing the assigned result set. Result sets identify each period of assessment for which a pupil will be assigned a grade. The currently assigned result set can be identified in the first column of the grid.

1 Basic			
Name PAT_Subject Grades Y6 Aut			
Result Set: TP Year 6 Autumn Term			
	N : Not Assessed	1 : P Scales	2 : Personalised Support
Maths	14.29	14.29	14.29
Reading	14.29	14.29	14.29

- To change the assessment term, click on the **Result Filter** button then click on the **Result Set** browser.
- From the list available, carefully select the assessment period that you wish to analyse.
- Click the **Select** button then click **Apply**.

- **Which Group Filter(s) do you wish to include?**

You **must** ensure that the **Group Filter** box always contains the appropriate NC Year Group that you wish to be represented on the grid. However, you can use the Group Filter to apply any additional contextual filters of your choosing (see **Group Filters** on page 13)

- **Do you want to analyse as a count or as a percentage?**

Your final option is to decide whether to view the analysis as a percentage of pupils or as a count of pupils.

- To select your analysis output, click on the **Outcome Type** drop down and select either **Count** or **Percentage of Results**. Other options do exist in the list but do not offer meaningful analysis for the purposes of this assessment.

1 Basic									
Name PAT_Subject Grades Y6 Aut								Outcome Type P	
Result Set: TP Year 6 Autumn Term									
	N : Not Assessed	1 : P Scales	2 : Personalised Support	3 : Significant Gaps	4 : On Track (Partial)	5 : On Track (All)	6 : Greater Depth	...	On Track +
Maths	2.78	2.78	2.78	8.33	33.33	41.67	8.33		50.00
Reading	5.56	2.78	11.11	19.44	27.78	33.33			33.33
Writing	2.78	2.78	5.56	11.11	30.56	38.89	8.33		47.22

- When you are happy with your selections, click **Populate Grid**.
- You should now be presented with the distribution of outcomes for each subject for your chosen group for your selected term.

7. If you wish to retain the current settings, click **Save**.

Group Analysis

Group Analysis Grids are designed to present multiple group outcomes for a single result. This allows us to focus on a specific assessment at a specific period of time and analyse how the distribution of results changes across pre-defined pastoral and vulnerability groups.

The following Group Analysis Grids are currently available but may be modified or added to as the tracker develops.

Contextual grids are based on a single year group and present outcomes across a range of vulnerability factors, such as Pupil premium, SEN etc.

- PAT_Contextual Y1 Reading PAT_Contextual Y1 Writing PAT_Contextual Y1 Maths
- PAT_Contextual Y2 Reading PAT_Contextual Y2 Writing PAT_Contextual Y2 Maths
- PAT_Contextual Y3 Reading PAT_Contextual Y3 Writing PAT_Contextual Y3 Maths
- PAT_Contextual Y4 Reading PAT_Contextual Y4 Writing PAT_Contextual Y4 Maths
- PAT_Contextual Y5 Reading PAT_Contextual Y5 Writing PAT_Contextual Y5 Maths
- PAT_Contextual Y6 Reading PAT_Contextual Y6 Writing PAT_Contextual Y6 Maths

Year Group grids show the outcomes for a single subject across ALL year groups. Contextual filters can be applied to these grids to review vulnerable groups across school.

- PAT_Year Groups Reading PAT_Year Groups Writing PAT_Year Groups Maths

Using Group Analysis

1. Select **Focus | Assessment | Group Analysis**.
2. Type **PAT** into the Group Analysis box, and then click **Search** to filter the available grids.

3. Open the analysis grid you require e.g. **PAT_Contextual Y1 Reading**.

NOTE

The very first time you open any Group Analysis grid you will find that there are **NO** row groups selected. Your preferred groups can be added to the grid as follows :

- i. Click the **Rows** button to open the **Group Chooser**
- ii. For “**PAT_Year Groups...**” analysis grids:
 - a. Expand **National Curriculum Year** and select the check box for the appropriate year group e.g. “Curriculum Year 1”. This group should appear in the right hand panel to indicate it has been selected.
 - b. Expand **Discover** and add any of the pre-defined contextual groups you require. The Discover groups available cover the main areas of context but should you have any requirement for additional groups, please contact the MIS Team (0191 4338525 [option 1]).
- iii. For “**PAT_Contextual...**” analysis grids:
 - a. Expand **National Curriculum Year** and select the check box for curriculum years 1 - 6. These groups should appear in the right hand panel to indicate they have been selected.
- iv. Add any other groups that you wish to include.
- v. Once all the required groups have been selected, use the green arrows to sort the groups into your preferred order then click **Apply**.

4. The grid will automatically present you with data based on any settings that were in place when the grid was last saved, otherwise it may appear empty. There are 3 choices you will need to make on the Group Analysis grid to obtain the data you require.

• Which assessment term do you wish to analyse?

You can analyse pupil data from any prior or current attainment period by changing the assigned result set. Result sets identify each period of assessment for which a pupil will be assigned a grade. The currently assigned result set can be identified in the first column of the grid.

1 Basic					
Name	PAT_Contextual Y1 Reading				Outcome
Result Set	MIS_Discover_Autumn				
	N: Not Assessed	1: P Scales	2: Personalised Support	3: Significant Gaps	4: On Track (Partial)
					5: On Track (All)
Curriculum Year 1(ALL)			10.17	42.37	45.76
Boys (GG)(ALL)			17.24	41.38	41.38

- iv. To change the assessment term, click on the **Result Filter** button then click on the **Result Set** browser.
- v. From the list available, carefully select the assessment period that you wish to analyse.
- vi. Click the **Select** button then click **Apply**.

NOTE

For “**PAT_Contextual...**” grids, result sets are identified by the format ‘**TP Year n xxxxx Term**’.
For “**PAT_Year Groups...**” grids, result sets are identified by the format ‘**MIS_Discover Term**’.

- **Which Group Filter(s) do you wish to include?**

For **Contextual** grids, you **must** ensure that the **Group Filter** box contains the appropriate NC Year Group to ensure only students within the chosen NC year group are represented within any Discover Groups on the grid.

Important

To eliminate the potential of double counting pupils that have appeared in competing groups within the academic year (e.g. both SEN and Non-SEN), it is strongly recommended that you reselect the appropriate NC Year Group within the Group Filter using today's date as per instructions below.

- Click on the **Group Filter** browser.
- Change the **From** date to **Today** then click **Refresh**.
- Reselect the appropriate National Curriculum Year from the group list then click **Apply**.

For **Year Group** grids, the NC Year Groups are defined in the rows so no curriculum year group filter is required. However, you can use the Group Filter to apply any contextual filters of your choosing (see **Group Filters** on page 13)

- **Do you want to analyse as a count or as a percentage?**

Your final option is to decide whether to view the analysis as a percentage of pupils or as a count of pupils.

- To select your analysis output, click on the **Outcome Type** drop down and select either **Count** or **Percentage of Results**. Other options do exist in the list but do not offer meaningful analysis for the purposes of this assessment.

- When you are happy with your selections, click **Populate Grid**.

1 Basic										
Name			PAT_Contextual Y1 Maths							
Aspect: TAS_Maths Assessment			Outcome Type							
Result Set: TP Year 1 Autumn Term			Percentage of Results							
	N: Not Assessed	1: P Scales	2: Personalised Support	3: Significant Gaps	4: On Track (Partial)	5: On Track (All)	6: Greater Depth	...	On Track +	
Curriculum Year 1(ALL)			1.69	6.78	42.37	44.07	5.08		49.15	
Boys (GG)(ALL)			3.45	6.90	44.83	37.93	6.90		44.83	
Girls (GG)(ALL)				6.67	40.00	50.00	3.33		53.33	
PPI (GG)(ALL)			6.67		46.67	33.33	13.33		46.67	
Non PPI (GG)(ALL)				9.09	40.91	47.73	2.27		50.00	
SEN (GG)(ALL)				66.67	16.67	16.67			33.33	
Non SEN (GG)(ALL)			1.89	7.55	39.62	47.17	3.77		50.94	
EAL (GG)(ALL)			4.00	8.00	32.00	44.00	12.00		56.00	
Non EAL (GG)(ALL)				5.88	50.00	44.12			44.12	

- You should now be presented with the distribution of outcomes for each subject for your chosen group for your selected term.

- If you wish to retain the current settings, click **Save**.

Result Set Analysis

Result Set analysis grids are designed to present a historical view of the distribution of assessment outcomes for a single group of pupils for an individual subject. This allows us to focus on how the distribution of results has changed over time and to identify whether suitable progress is being made.

The following Result Set Analysis Grids are currently available but may be modified or added to as the tracker develops.

Grids are available for each individual year group and for each reported subject; Reading, Writing and Maths.

- | | | |
|--------------------|------------------|------------------|
| • PAT_Attain Y1 Re | PAT_Attain Y1 Wr | PAT_Attain Y1 Ma |
| • PAT_Attain Y2 Re | PAT_Attain Y2 Wr | PAT_Attain Y2 Ma |
| • PAT_Attain Y3 Re | PAT_Attain Y3 Wr | PAT_Attain Y3 Ma |
| • PAT_Attain Y4 Re | PAT_Attain Y4 Wr | PAT_Attain Y4 Ma |
| • PAT_Attain Y5 Re | PAT_Attain Y5 Wr | PAT_Attain Y5 Ma |
| • PAT_Attain Y6 Re | PAT_Attain Y6 Wr | PAT_Attain Y6 Ma |

Using Result Set Analysis

1. Select **Focus | Assessment | Result Set Analysis**.
2. Type **PAT** into the Aspect Analysis box, and then click **Search** to filter the available grids.
3. Open the analysis grid you require e.g. **PAT_Termly Attain Y6 Ma**.

The grid will automatically present you with data based on any settings that were in place when the grid was last saved, otherwise it may appear empty. There are 3 choices you will need to make on the Aspect Analysis grid to obtain the data you require.

- **Which Group Filter(s) do you wish to include?**

You **must** ensure that the **Group Filter** box always contains the appropriate NC Year Group that you wish to be represented on the grid. However, you can use the Group Filter to apply any additional contextual filters of your choosing (see **Group Filters** on page 13)

- **Do you want to analyse as a count or as a percentage?**

Your final option is to decide whether to view the analysis as a percentage of pupils or as a count of pupils.

- i. To select your analysis output, click on the **Outcome Type** drop down and select either **Count** or **Percentage of Results**. Other options do exist in the list but do not offer meaningful analysis for the purposes of this assessment.

11. When you are happy with your selections, click **Populate Grid**.

1 Basic									
Name	PAT_Termly Attain Y3 Ma							Outcome Type	
Aspect : PAT_Maths Assessment									
	N : Not Assessed	1 : P Scales	2 : Personalised Support	3 : Significant Gaps	4 : On Track (Partial)	5 : On Track (All)	6 : Greater Depth	...	On Track +
TP Year 3 Summer Term			3.39	5.08	18.64	59.32	13.56		72.88
TP Year 3 Spring Term					28.81	61.02	10.17		71.19
TP Year 3 Autumn Term			3.39	13.56	20.34	55.93	6.78		62.71
TP Year 3 On Entry			6.78	13.56	28.81	49.15	1.69		50.85
TP Year 2 Summer Term			3.39	11.86	18.64	66.10			66.10
TP Year 1 Summer Term			3.39	10.17	13.56	66.10	6.78		72.88
TP Year 1 Baseline			3.39	11.86	18.64	66.10			66.10

12. You should now be presented with the historical distribution of outcomes for your chosen group for the applicable subject.
13. If you wish to retain the current settings, click **Save**.

Chance Analysis

Chance Analysis is mainly used to review the progress of a group of pupils by comparing current attainment against prior attainment. A simple example would be to compare Maths assessment on entry to Year 2 against Maths assessment at end of Year 2.

This type of report has the additional benefit of allowing schools to compare outcomes for two different aspects. For example, you could compare the Reading teacher assessment at end of Year 2 to the EYFS Reading outcome from end of Reception.

The following Chance Analysis Grids are currently available but may be modified or added to as the tracker develops:

Term A to Term B Progress – these grids generate a distribution chart based on the change of outcomes for a specific PAT assessment from the start of the academic year to the latest assessment period. A grid has been pre-defined for each year group for each subject.

- | | | |
|----------------------------|--------------------------|--------------------------|
| ▪ PAT_Term A->Term B Y1 Ma | PAT_Term A->Term B Y1 Re | PAT_Term A->Term B Y1 Wr |
| ▪ PAT_Term A->Term B Y2 Ma | PAT_Term A->Term B Y2 Re | PAT_Term A->Term B Y3 Wr |
| ▪ PAT_Term A->Term B Y3 Ma | PAT_Term A->Term B Y3 Re | PAT_Term A->Term B Y3 Wr |
| ▪ PAT_Term A->Term B Y4 Ma | PAT_Term A->Term B Y4 Re | PAT_Term A->Term B Y4 Wr |
| ▪ PAT_Term A->Term B Y5 Ma | PAT_Term A->Term B Y5 Re | PAT_Term A->Term B Y5 Wr |
| ▪ PAT_Term A->Term B Y6 Ma | PAT_Term A->Term B Y6 Re | PAT_Term A->Term B Y6 Wr |

KS1 & KS2 Groups: EYFS Prior Attainment – these grids generate a distribution chart based on a comparison of outcomes from the Early Years Foundation Stage to the latest PAT teacher assessment for Year 1 through to Year 6.

- | | | |
|---------------------------|-------------------------|-------------------------|
| ▪ PAT_EYFS->TA Term Y1 Ma | PAT_EYFS->TA Term Y1 Re | PAT_EYFS->TA Term Y1 Wr |
| ▪ PAT_EYFS->TA Term Y2 Ma | PAT_EYFS->TA Term Y2 Re | PAT_EYFS->TA Term Y2 Wr |
| ▪ PAT_EYFS->TA Term Y3 Ma | PAT_EYFS->TA Term Y3 Re | PAT_EYFS->TA Term Y3 Wr |
| ▪ PAT_EYFS->TA Term Y4 Ma | PAT_EYFS->TA Term Y4 Re | PAT_EYFS->TA Term Y4 Wr |
| ▪ PAT_EYFS->TA Term Y5 Ma | PAT_EYFS->TA Term Y5 Re | PAT_EYFS->TA Term Y5 Wr |

- PAT_EYFS->TA Term Y6 Ma PAT_EYFS->TA Term Y6 Re PAT_EYFS->TA Term Y6 Wr

KS1 Groups: Statutory EYFS vs KS1 TA – these grids generate a distribution chart based on a comparison of the statutory EYFS and KS1 TA outcomes for Year 6.

- PAT_EYFS->KS1 Y2 Ma PAT_EYFS->KS1 Y2 Re PAT_EYFS->KS1 Y2 Wr

KS1 Groups: EYFS Good Level of Development – these grids generate a distribution chart based on a comparison of outcomes from the Early Years Foundation Stage, Good Level of Development Indicator to the latest KS1 Teacher Assessment for a subject.

- PAT_GLD->KS1 Ma AWL PAT_GLD-> KS1 Re AWL PAT_GLD->KS1 Wr AWL

KS1 & KS2: EYFS Groups: Good Level of Development – these grids generate a distribution chart based on a comparison of outcomes from the Early Years Foundation Stage Good Level of Development Indicator to the latest PAT teacher assessment for Year 1 through to Year 6.

- PAT_GLD ->TA Term Y1 Ma PAT_GLD ->TA Term Y1 Re PAT_GLD ->TA Term Y1 Wr
- PAT_GLD ->TA Term Y2 Ma PAT_GLD ->TA Term Y2 Re PAT_GLD ->TA Term Y2 Wr
- PAT_GLD ->TA Term Y3 Ma PAT_GLD ->TA Term Y3 Re PAT_GLD ->TA Term Y3 Wr
- PAT_GLD ->TA Term Y4 Ma PAT_GLD ->TA Term Y4 Re PAT_GLD ->TA Term Y4 Wr
- PAT_GLD ->TA Term Y5 Ma PAT_GLD ->TA Term Y5 Re PAT_GLD ->TA Term Y5 Wr
- PAT_GLD ->TA Term Y6 Ma PAT_GLD ->TA Term Y6 Re PAT_GLD ->TA Term Y6 Wr

KS2 Groups: KS1 Prior Attainment – these grids generate a distribution chart based on a comparison of outcomes from statutory Key Stage 1 TA to the latest PAT teacher assessment for Year 3 through to Year 6. These grids also reflect the changes to KS1 Teacher Assessment from summer 2016.

- PAT_KS1->TA Term Y3 Ma PAT_KS1->TA Term Y3 Re PAT_KS1->TA Term Y3 Wr
- PAT_KS1->TA Term Y4 Ma PAT_KS1->TA Term Y4 Re PAT_KS1->TA Term Y4 Wr
- PAT_KS1->TA Term Y5 Ma PAT_KS1->TA Term Y5 Re PAT_KS1->TA Term Y5 Wr
- PAT_KS1->TA Term Y6 Ma PAT_KS1->TA Term Y6 Re PAT_KS1->TA Term Y6 Wr

KS2 Groups: Statutory KS1 vs KS2 TA – these grids generate a distribution chart based on a comparison of the statutory KS1 and KS2 TA outcomes for Year 6.

- PAT_KS1->KS2 Y6 Ma PAT_KS1->KS2 Y6 Re PAT_KS1->KS2 Y6 Wr

KS2 Groups: Statutory EYFS vs KS2 TA – these grids generate a distribution chart based on a comparison of the statutory EYFS and KS2 TA outcomes for Year 6.

- PAT_EYFS->KS2 Y6 Ma PAT_EYFS->KS2 Y6 Re PAT_EYFS->KS2 Y6 Wr

Using Chance Analysis

1. Select **Focus | Assessment | Chance Analysis**.
2. Type **PAT** into the **Chance Analysis** box, and then click **Search** to filter the PAT grids.
3. Open the analysis grid you require e.g. **PAT_Term A->Term B Y1 Re**
4. The grid may automatically present you with data based on the settings in place when the grid was last saved, otherwise it may appear empty.

There are 3 choices you can make on the Chance Analysis grid to provide the data you require.

- **Which group of pupils do you wish to analyse?**

- i. To select the **pupil group**, click on the **Group Filter** browser.

***Note:** please check the dates that appear at the top of the filter as they may need to be reset at the beginning of each new academic year.*

- ii. Select the group you require e.g. **Curriculum Year 1**. You can also use this screen to select any contextual filters you may wish to apply.
- iii. When complete, click **Apply**.

- **Which assessment terms do you wish to compare?**

Whenever your Chance Analysis grid contains any PAT assessment aspect you will need to decide on the assessment term(s) you wish to compare. The template's default setting is to compare On Entry to Autumn Term, so predictably, the latter will need to be advanced to the latest term as you move through the annual assessment cycle. However, should you wish, you can analyse data between any two attainment periods of your choosing.

- i. To select assessment terms, click on the **Result Filter** button then click on the **Result Set** browser for **Row Inputs**.
- ii. From the list of available result sets, carefully select the period that you wish to analyse **From**. Result sets are identified by the format '**TP Year n xxxxx Term**'.
- iii. Click the **Select** button then click **Apply**.
- iv. Repeat the process for the column Result Set to select the period that you wish to analyse **To**.
- v. Click **OK** to finish.

- **Do you wish to analyse as a count or as a percentage?**

Your final option is to decide whether to view the analysis as a percentage of pupils or as a count of pupils.

- i. To select your analysis output, click on the **Outcome Type** drop down and select either **Count** or **Percentage of Results**. Other options do exist in the list but do not offer meaningful analysis for the purposes of this assessment.

- Click **Populate**

Row Aspect : PAT_Reading Assessment Row Result Set : TP Year 1 Baseline Col Aspect : PAT_Reading Assessment Col Result Set : TP Year 1 Autumn Term	N : Not Assessed	1 : P Scales	2 : Personalised Support	3 : Significant Gaps	4 : On Track (Partial)	5 : On Track (All)	6 : Greater Depth	---	On Track +
N : Not Assessed									
1 : P Scales									
2 : Personalised Support				100.00					
3 : Significant Gaps				75.00	25.00				
4 : On Track (Partial)					66.67	33.33			33.33
5 : On Track (All)				4.00	42.00	52.00	2.00		54.00
6 : Greater Depth									

Once populated, you are able to double-click on any individual cell within the grid to view a detailed list of the pupils represented within that cell.

04

Individual Pupil Reports

This chapter contains:

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Chapter Introduction

Individual Reports use pre-defined templates that can be used to generate pupil specific reports within Microsoft Word. Reports are generated by associating the required pupils with a selected Individual Report template. The reports can retrieve and display pupil assessment results that are recorded in SIMS along with a range of additional pupil data such as attendance, behaviour and class details.

The following PAT template(s) have been pre-defined centrally by the MIS Team and are available for import into SIMS.

- PAT_Full History
- PAT_Pupil Report Aut Y1 PAT_Pupil Report Spr Y1 PAT_Pupil Report Sum Y1
- PAT_Pupil Report Aut Y2 PAT_Pupil Report Spr Y2 PAT_Pupil Report Sum Y2
- PAT_Pupil Report Aut Y3 PAT_Pupil Report Spr Y3 PAT_Pupil Report Sum Y3
- PAT_Pupil Report Aut Y4 PAT_Pupil Report Spr Y4 PAT_Pupil Report Sum Y4
- PAT_Pupil Report Aut Y5 PAT_Pupil Report Spr Y5 PAT_Pupil Report Sum Y5
- PAT_Pupil Report Aut Y6 PAT_Pupil Report Spr Y6 PAT_Pupil Report Sum Y6

Generating and Printing Individual Reports

Pupil reports are generated by selecting an Individual Report Template and attaching one or more pupil to that template. Each pupil's report is generated according to the layout and design of the Individual Report Template.

1. Select **Focus | Assessment | Individual Report** to display the **Find Individual Report** browser.
2. Highlight the required report and click the **Open** button to display the **Individual Report Details** page.
3. Click the **Generate** hyperlink or scroll down the page to view the **Generate** panel.
4. Click the **Student** browser button to display the **Student Selector** dialog.
5. Click the + or – symbols to expand and contract the list of groups in order to locate the required group. Select the required check box(es) to display the pupils of the group in the lower panel.
6. Highlight one, several or all pupils, as required.
7. Click the **Apply** button to return to the **Generate** panel.
8. Again, highlight one, several or all pupils, as required.

You have a number of options at this point on how to output your selected pupil reports.

- Click the **Preview** button to view the selected pupil reports in MS Word. This functions primarily as a print preview of an individual pupil's report and enables you to view a report prior to printing. You could also make minor edits to the report and then print it from within Word and/or save it as a Word document.
- Click the **Print** button to print the selected pupil reports to your default printer.
- Click the **Export** button to save the selected pupil reports to a folder of your choice. Using the down arrow to the right of the Export button you can choose to export as Word or PDF documents.
- Click **Upload** to save the selected pupil reports to the SIMS Document Management Server. This will store a copy of the report in SIMS and is available for viewing via **Focus | Pupil | Pupil Details | Links | Linked Documents**.

A sample of a pupil individual report can be found below. Please note that the individual reports that you currently have available are draft reports and we would welcome your feedback at any time on how they could be improved or modified to include additional data you would find of use.

Primary Assessment Tracker

Full Report

Name: Chris Aaron
 Reg Group: 6KH
 Att % YTD: 0.0

	READING				WRITING				MATHS				
	BL	AUT	SPR	SUM	BL	AUT	SPR	SUM	BL	AUT	SPR	SUM	GLD?
EYFS				2				3				3 / 2	
Year 1	3	3	4	4	4	4	5	5	3	4	5	5	
Phonics TEST Y1				Wa									
Year 2	4	4	5	4	5	5	6	6	4	5	6	6	
KS1 SATS				2A				3				3	
Year 3	4	5	5	4	5	5	5	5	5	4	5	6	
Year 4	5	5	6	5	5	6	5	5	4	5	5	6	
Year 5	5	6	5	5	4	4	5	4	4	5	5	5	
Year 6	1	1	1	1	1	1	1	1	1	1	1	1	
KS2 SATS				EXS				GDS				HNM	

End of Autumn Term Targets 2017-18

Name: Richard Akeman Class: <<reg>> Year: <<Yr>>

% Attendance YTD: <<PercentageAttendance>>



Your child is working <<ResultDesc: PAT_Reading ARE - TP Year 2 Autumn Term>> age related expectation in Reading. To improve their reading, next term they should focus on:

- <<Result: PAT_Reading Next Steps - TP Year 2>>

Your child is working <<ResultDesc: PAT_Writing ARE - TP Year 2 Autumn Term>> age related expectation in Writing. To improve their writing, next term they should focus on:

- <<Result: PAT_Writing Next Steps - TP Year 2>>

Your child is working <<ResultDesc: PAT_Maths ARE - TP Year 2 Autumn Term>> age related expectation in Maths. To improve their maths, next term they should focus on:

- <<Result: PAT_Maths Next Steps - TP Year 2>>

If you would like to know more about the type of knowledge, skill and understanding that is necessary to reach the required levels, please discuss this with your child's teacher.

Teacher

Mrs A Teacher

This template is the starting point for your Individual Report and provides a suggested layout. It can be edited and amended as required.

5

SIMS Discover Graphs

This chapter contains:

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SIMS Discover

Discover has been developed to enable schools to analyse their SIMS data and to display the results in a variety of graphical formats, e.g. bar graphs, progression line graphs, pie charts and Venn diagrams. Discover draws the data from a data warehouse which is an extract of the SIMS SQL database. The Discover data warehouse is designed to manage a high level of data traffic so that several graphs can be created and viewed at the same time for the purposes of data comparison. It is possible to drag and drop various data points from one graph on to another to create a compilation graph as a Venn diagram.

A range of training courses will be made available to schools to cover the wide range of charting functionality within Discover.

Discover Graphs

The ability to easily access and share your school's performance data is key to continual progress. SIMS Discover allows you to effortlessly analyse your SIMS data so you can closely monitor whole school performance.

Discover graphs have been provided for the Core subjects, so that attainment relating to PAT can be reviewed and analysed further within SIMS Discover. Schools making use of the new PAT resources will be able to use these new assessment graphs with no additional setup required, unlocking the power of Discover's innovative way to analyse school data.

Schools will be able to drill down and cross reference attainment results with key contextual information using Discover's user-friendly drag-and-drop functionality.

The Discover Graphs will be enhanced to add the additional foundation subjects in the next release of the PAT Tracking Model.

Sample Discover Graphs for the Primary Assessment Tracker

The following pictures provide you with a few examples of the types of graphs that will be available within SIMS Discover.

Stacked Bar Chart

The stacked bar charts provide a broad visual representation of how which grades pupils are receiving in each subject at a specific point in time.



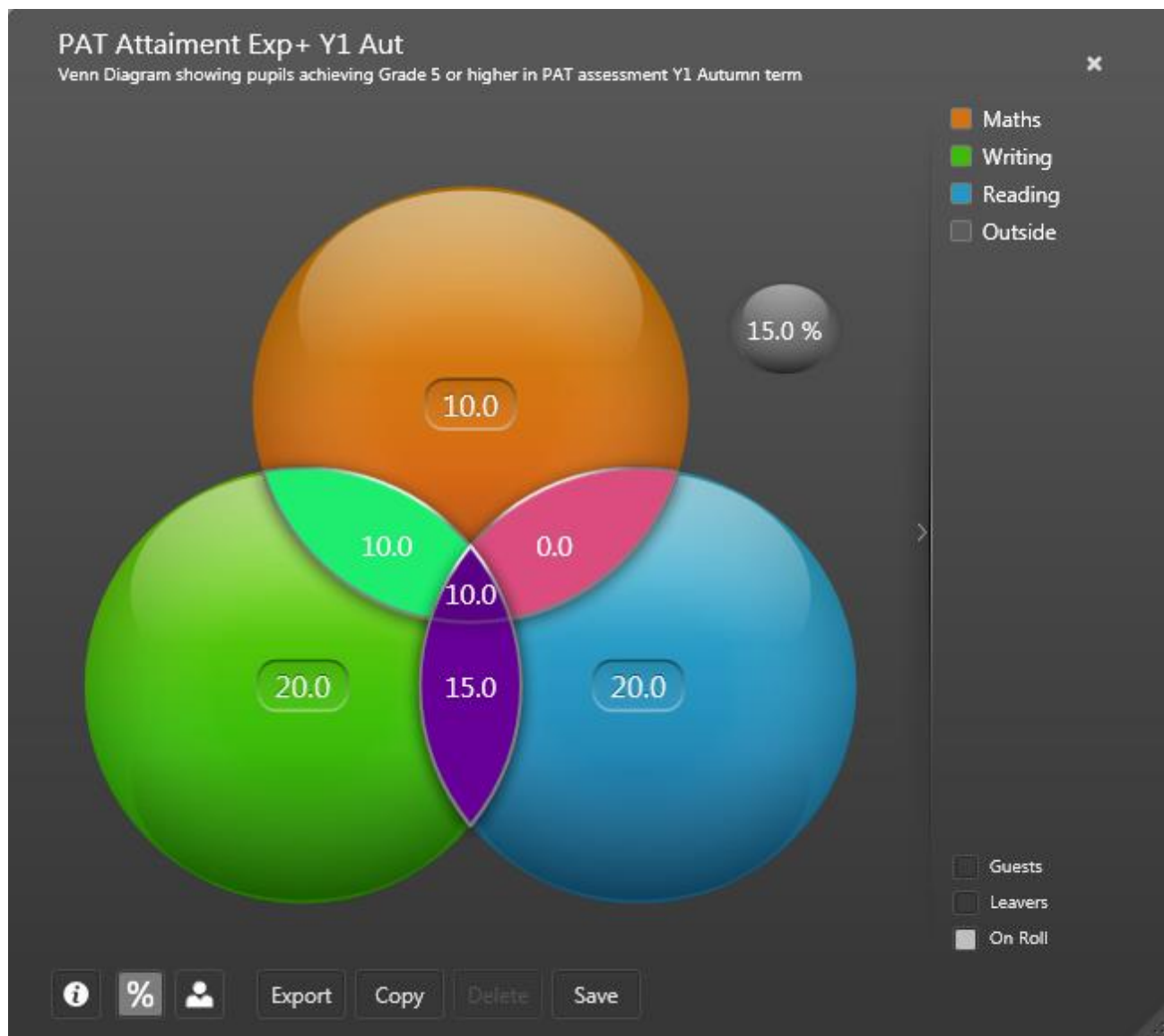
The following Discover Graph(s) have been pre-defined centrally by the MIS Team and are available for import into SIMS Discover.

- | | | |
|-------------------------|-----------------------|-----------------------|
| • PAT Grade Dist Y1 Aut | PAT Grade Dist Y1 Spr | PAT Grade Dist Y1 Sum |
| • PAT Grade Dist Y2 Aut | PAT Grade Dist Y2 Spr | PAT Grade Dist Y2 Sum |
| • PAT Grade Dist Y3 Aut | PAT Grade Dist Y3 Spr | PAT Grade Dist Y3 Sum |
| • PAT Grade Dist Y4 Aut | PAT Grade Dist Y4 Spr | PAT Grade Dist Y4 Sum |
| • PAT Grade Dist Y5 Aut | PAT Grade Dist Y5 Spr | PAT Grade Dist Y5 Sum |
| • PAT Grade Dist Y6 Aut | PAT Grade Dist Y6 Spr | PAT Grade Dist Y6 Sum |

N.B. this version of Discover has a fault in that it displays the subjects in the wrong order, we have been advised that this will be rectified in the Autumn 2017 release of Sims Discover.

Venn Diagram

The Venn Diagrams (PAT Attainment Exp+ Yn Aut/Spr/Sum) show which pupils in the specified year group have achieved a grade 5 or 6 (Expected and above) in the specified term.

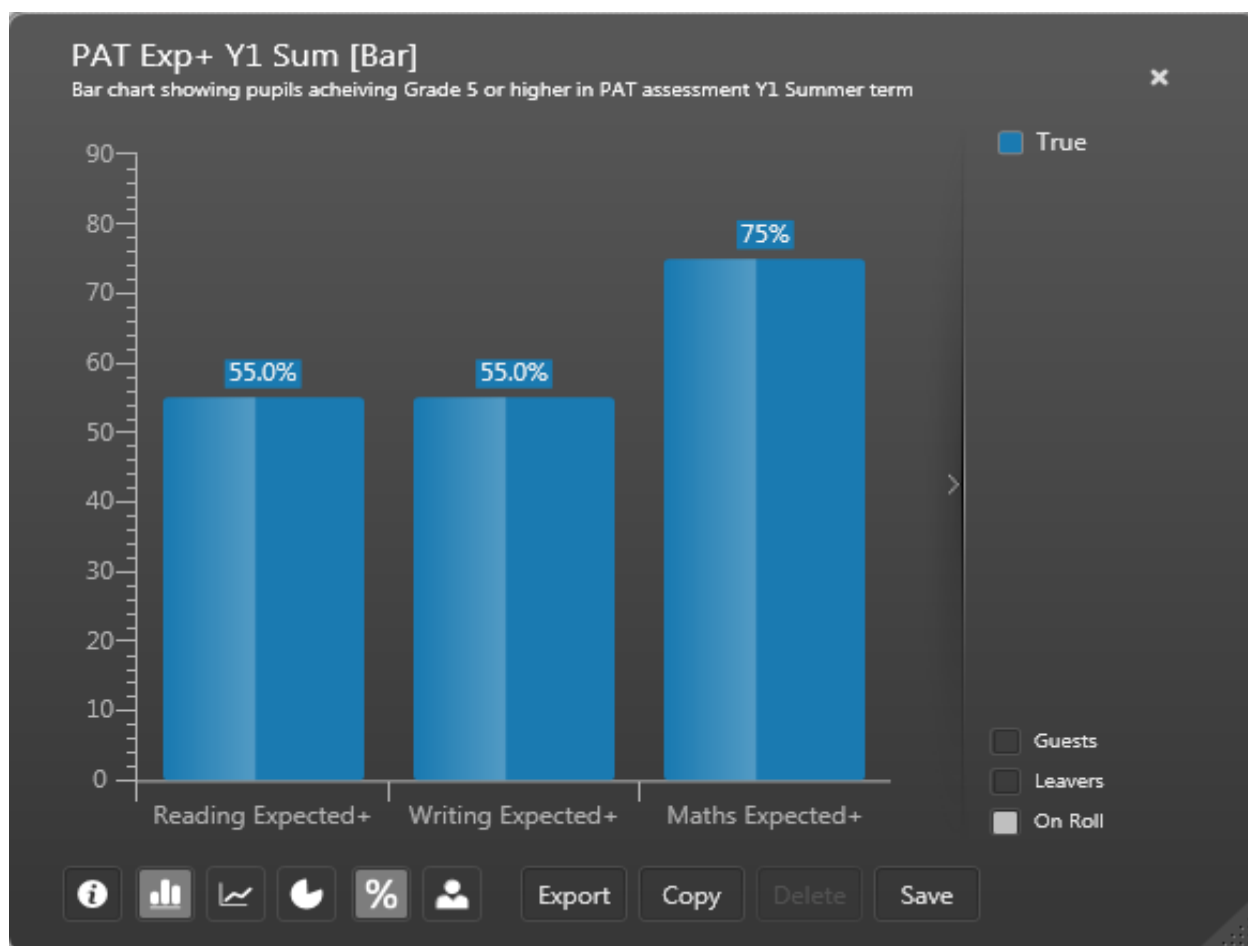


The following Venn Diagrams have been pre-defined centrally by the MIS Team and are available for import into Sims Discover.

- | | | |
|-------------------|-----------------|-----------------|
| • PAT Exp+ Y1 Aut | PAT Exp+ Y1 Spr | PAT Exp+ Y1 Sum |
| • PAT Exp+ Y2 Aut | PAT Exp+ Y2 Spr | PAT Exp+ Y2 Sum |
| • PAT Exp+ Y3 Aut | PAT Exp+ Y3 Spr | PAT Exp+ Y3 Sum |
| • PAT Exp+ Y4 Aut | PAT Exp+ Y4 Spr | PAT Exp+ Y4 Sum |
| • PAT Exp+ Y5 Aut | PAT Exp+ Y5 Spr | PAT Exp+ Y5 Sum |
| • PAT Exp+ Y6 Aut | PAT Exp+ Y6 Spr | PAT Exp+ Y6 Sum |

Bar Chart

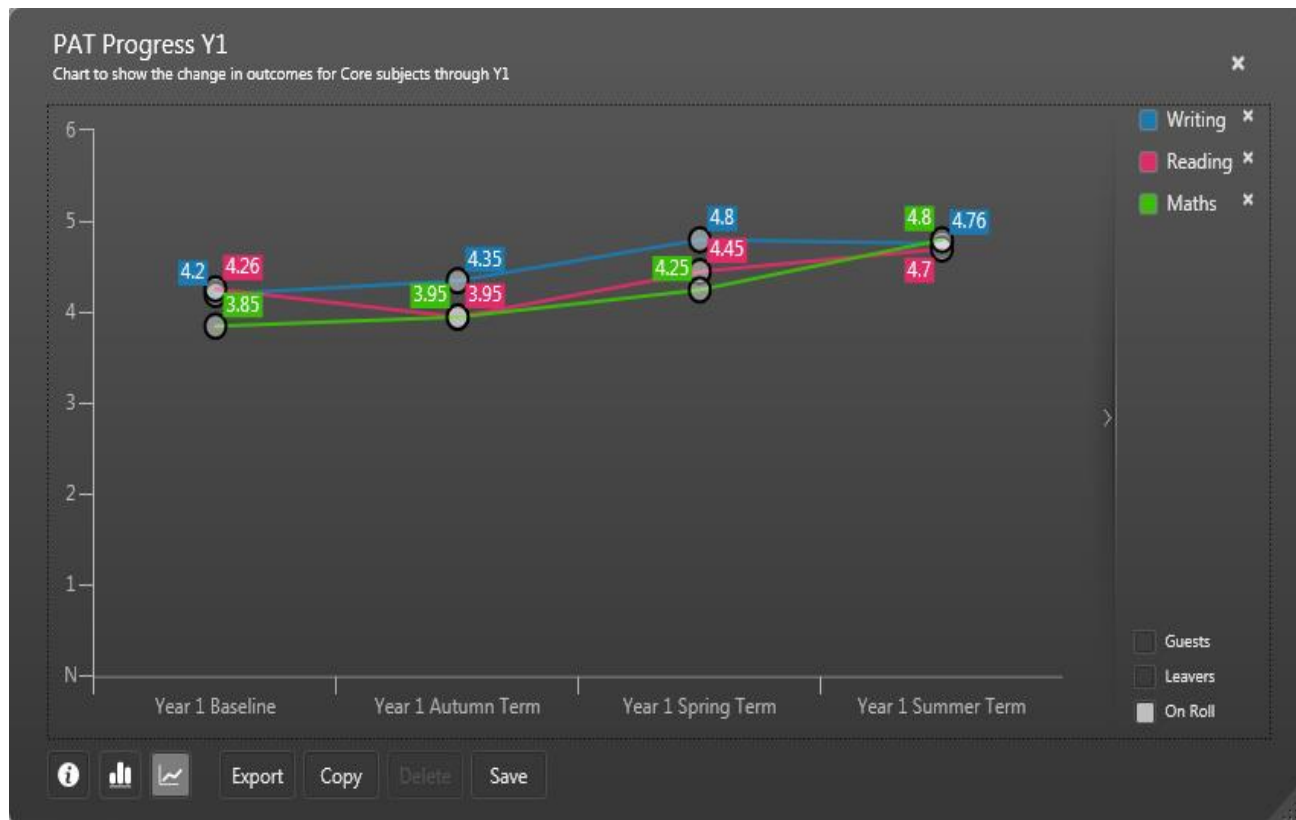
The Bar Chart (PAT Exp+ Yn Aut/Spr/Sum) show which pupils in the specified year group have achieved a grade 5 or 6 (Expected and above) in the specified term.



- | | | |
|-------------------|-----------------|-----------------|
| • PAT Exp+ Y1 Aut | PAT Exp+ Y1 Spr | PAT Exp+ Y1 Sum |
| • PAT Exp+ Y2 Aut | PAT Exp+ Y2 Spr | PAT Exp+ Y2 Sum |
| • PAT Exp+ Y3 Aut | PAT Exp+ Y3 Spr | PAT Exp+ Y3 Sum |
| • PAT Exp+ Y4 Aut | PAT Exp+ Y4 Spr | PAT Exp+ Y4 Sum |
| • PAT Exp+ Y5 Aut | PAT Exp+ Y5 Spr | PAT Exp+ Y5 Sum |
| • PAT Exp+ Y6 Aut | PAT Exp+ Y6 Spr | PAT Exp+ Y6 Sum |

Grade Tracking Graph

A Grade Tracking graph displays progress over time, in core subjects, for the selected cohort of pupils



The following Grade Tracking Graph (s) have been pre-defined centrally by the MIS Team and are available for import into Sims Discover.

- PAT Progress Y1
- PAT Progress Y2
- PAT Progress Y3
- PAT Progress Y4
- PAT Progress Y5
- PAT Progress Y6