

SIMS Programme of Study Overview



Background Information

This document provides a brief overview of the Programme of Study Tracking functionality in SIMS, which has been introduced in response to the DfE reforms to the National Curriculum, enabling schools to track attainment and monitor student progress against the National Curriculum Programmes of Study.

Teachers can easily record both their regular formative assessment and the more traditional termly (or half-termly) summative judgements against specific statements of the National Curriculum, all in one place.

The Programme of Study Tracking analysis clearly indicates a student's progress towards National Curriculum End of Year of Key Stage expectations. Schools can also indicate which knowledge or skill statements are the focus for teaching for a specific term. This enables teachers to monitor progress against school specific expectations, providing analysis based on the knowledge, skills and understanding of what is actually being taught.

The PoS functionality in SIMS allows for tracking at Key Stage 2 and Key Stage 3.

Customisation

In addition to the prescribed National Curriculum Programmes of Study, schools are also able to add or edit user defined subjects, strands and statements, enabling the customisation of resources to reflect the language and curriculum being taught in your school. Programme of Study statements, results and comments can also be used in Assessment Individual Reports created from Assessment Manager.

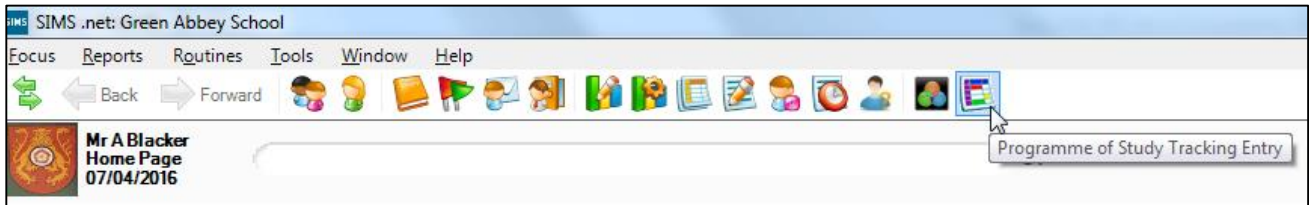
At the time of writing (June 2016), it is not possible to change the grade set used in this area, so for each statement, the following grades can be recorded;

Grade	Description	Value	PG	
M	Mastered	4		Blue
S	Secure	3		Green
D	Developing	2		Yellow
E	Emerging	1		Red
U	Unable to assess			Grey

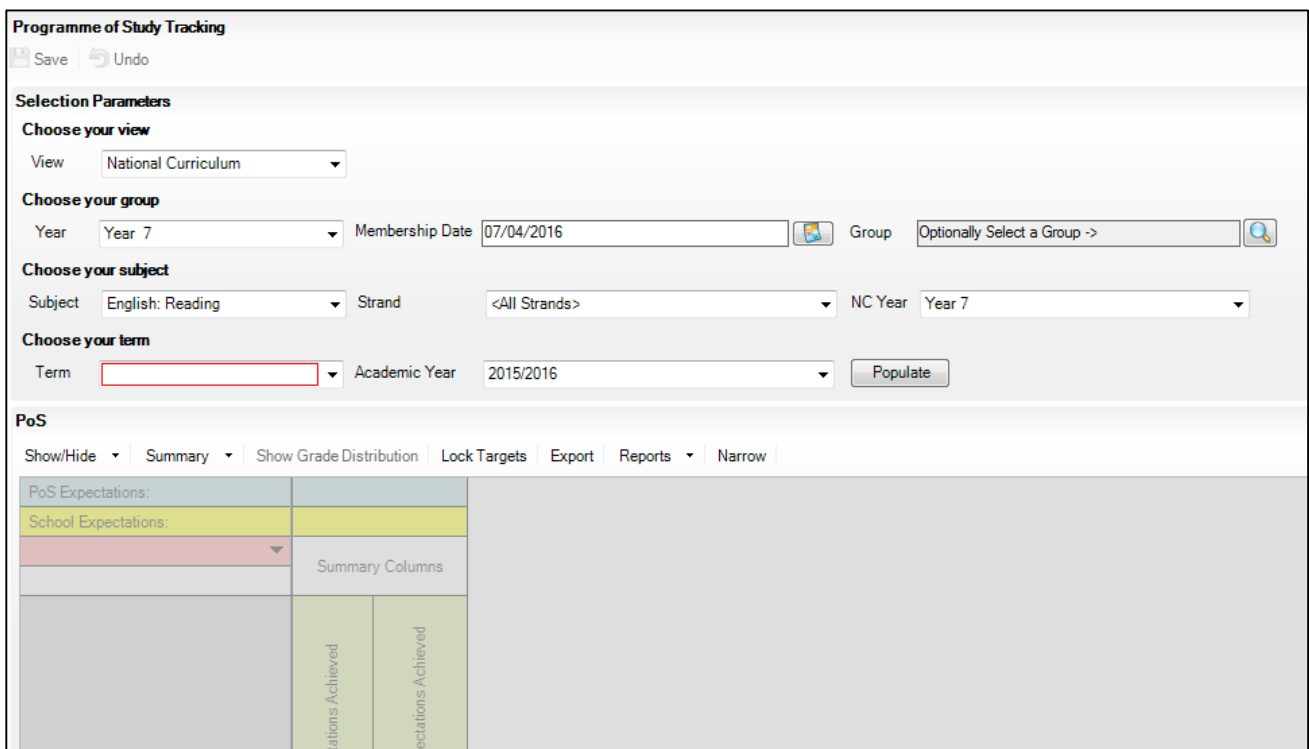
It may be possible in a future release of SIMS to customise the grade set to change the description associated with each grade, or add grades into the grade set, but it is unlikely that schools will be able to adapt the available grades to completely replace them.

What do the Programme of Study Tracking Grids look like?

Access to the Programme of Study area in SIMS is via menu route **Focus > Assessment > Programme of Study Tracking Entry**, or using the shortcut icon in the menu bar.



Initially, the **PoS** area of the screen (the bottom panel) will be greyed out until you have chosen your **Selection Parameters** and clicked **Populate**.



The available parameters for selection are initially pre-populated from SIMS (year/group) and from the National Curriculum Programmes of Study (subject/strand) as published by the DfE for the Key Stage relevant to your school phase.

Once the relevant parameters have been selected and the marksheet populated, the layout will look something like this;

The screenshot shows a marksheet for Mathematics, KS3 Geometry & Measures. Callout boxes identify the following elements:

- Subject and Strand:** Points to the top header 'Subject: Mathematics Strand: KS3: Geometry & Measures'.
- Number of Statutory Programmes of Study Expectations available:** Points to 'PoS Expectations: 16'.
- Number of Expectations for the Term as set by the school:** Points to 'School Expectations: 0'.
- Term and Year group to be assessed:** Points to 'TP Year 8 Autumn Term' and 'Year 8 at 10/12/2015'.
- Summary Columns:** Points to the columns for 'Overall', 'Strengths', and 'Next Steps'.
- Summative Assessments:** Points to the 'CAS Ma Geometry & Measures' columns.
- Formative Assessment Columns Title:** Points to the titles of the assessment columns: 'Ma Geo & Meas S 79.01', 'Ma Geo & Meas S 79.02', and 'Ma Geo & Meas S 79.03'.
- Formative Assessment Statement:** Points to the descriptive text within the assessment cells, such as 'derive and apply formulae to calculate and solve problems involving: perimeter and area of triangles, parallelograms, trapezia, volume of cuboids (including cubes) and other prisms (including cylinders)'.

Recording Summative Assessment

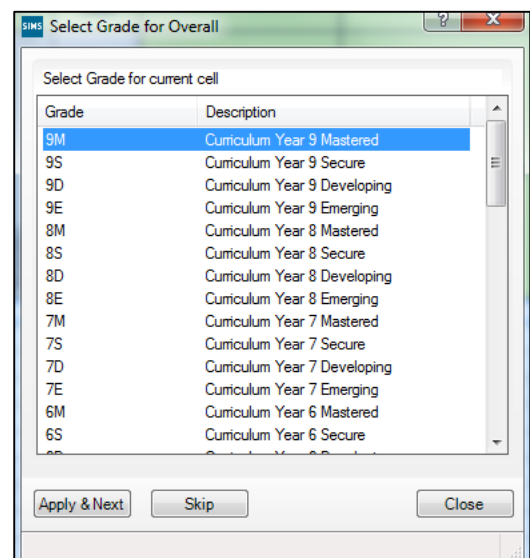
Three summative assessments can be recorded each term (or half term). The summative columns appear after the summary columns, but before the individual statements/strands;

Overall	Strengths	Next Steps
CAS Ma Geometry & Measures Overall	CAS Ma Geometry & Measures Strengths	CAS Ma Geometry & Measures Next Steps

There is a column to record;

- An overall grade for the strand
- A comment on the student's strengths
- A comment on the student's next steps

The overall grade for each strand is recorded using the grade set as shown on the right. This is not customisable.



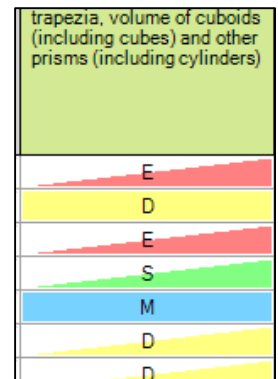
Recording Formative Assessment

The most recent previous assessment data is shown with a half coloured background. When a grade for the current term is entered, the coloured background will be filled in for the whole cell and the grey corners (oval shape) indicates that the data has not yet been saved.

PoS Expectations: 16					Y	Y		
School Expectations: 0					N	N		
TP Year 8 Spring Term	Summary Columns			Overall	Strengths	Next Steps	Ma Geo & Meas S 79.01	Ma Geo & Meas S 79.02
Year 8 at 12/04/2016								
Students	% of PoS Expectations Achieved	% of School Expectations Achieved	CAS Ma Geometry & Measures Overall	CAS Ma Geometry & Measures Strengths	CAS Ma Geometry & Measures Next Steps		derive and apply formulae to calculate and solve problems involving: perimeter and area of triangles, parallelograms, trapezia, volume of cuboids (including cubes) and other prisms (including cylinders)	calculate and solve problems involving: perimeters of 2-D shapes (including circles), area circles and composite shapes
Abdess, Graham			8E	2D shapes	Graham n...	E		E
Abbey, Sean			8D	Sean is pa...	Sean nee...	D		D
Acton, Samantha			8E	Sam is ver...	Sam need...	E		E
Alsop, Jeremy	18.75 %		8S	Areas of c...	Jez needs...	S		S
Amoso, Rosanna	18.75 %		8M	Interpretin...	Roasanna...	M		M
Amoso, Silv			8E	2D shapes	Volume of...	D		E
Amoso, Stephanie			8D	Steph is e...	us on care...	D		D

As each student achieves a grade of **Secure** or **Mastered** for a statement, the column entitled **% of PoS Expectations Achieved** is updated. In our example, the column for **% of School Expectations Achieved** is not updated as we have not yet set the school expectations.

Once the data is saved, the grey corners for those results updated this term disappear. Those results not updated in the selected term still show a half coloured background, indicating that they were entered in a previous term.



Setting the School Expectations

Schools can determine which programmes of study are being followed in a given term, to allow analysis of that term's attainment.

The **yellow second row** can be used to indicate the **school's expectations** for the selected term, by using the drop down at the top of each column, to select Y for Yes and N for No.

PoS Expectations: 16					Y	Y	Y	Y	
School Expectations: 2					N	Y	Y	N	
TP Year 8 Spring Term	Summary Columns			Overall	Strengths	Next Steps	Ma Geo & Meas S 79.02	Ma Geo & Meas S 79.03	Ma Geo & Meas S 79.04
Year 8 at 12/04/2016									

The number of **School Expectations** changes as the columns are selected with a Y to be included. The count of **PoS Expectations** will not change, as this is pre-defined for the selected strand. It is possible to **lock the expectations**, once set, so that they can't be changed accidentally. Once School Expectations have been set, it is possible to use the **Show/Hide** functionality to display the **School Expectations only** for the selected term (or half term).

Summary Rows and Columns

The **Summary Rows** below the main entry grid display student totals and percentages against key criteria. Clicking on the **Summary** drop down allows the user to select **Show/Hide** for the **Summary Rows** and/or **Summary Columns**.

Total Number of Pupils	28	28	28	28	28	28
Total Number of Results	10	28	3	3	28	28
Number Achieving Skill					7	5
% Achieving Skill					25.00 %	17.86 %
Number NOT Achieving Skill					21	23
% NOT Achieving Skill					75.00 %	82.14 %
Number Mastered Skill					2	0
% Mastered Skill					7.14 %	0.00 %

It is also possible to filter columns of data, as in Assessment Manager marksheets.

Modifying the Programme of Study

In addition to using the predefined assessment resources it is now possible to modify the existing statements or create your own. Once customised, the **User Description** for the statement will be shown in the column header, although the original pre-defined text is retained in the system as the **Default Description**. It is possible to globally switch between displaying the default and user description for all statements.

Managing Content

It is possible for schools to create their own Subjects, Strands and Statements within the Programme of Study resources in SIMS.

In the following example, we have created a **Subject** called Test for year 8, containing Test Strand 1 and Test Strand 2. Each **Test Strand** contains 2 test **Statements**, one of which for each strand has been selected as a school expectation for the autumn term. The setting to **Show School Expectations Only** has been selected.

PoS Expectations: 0					N			N	
School Expectations: 2					Y			Y	
TP Year 8 Autumn Term		Summary Columns			Te TestS U 8.01			Te TestS U 8.2.01	
Year 8 at 01/06/2016		Overall	Strengths	Next Steps	Overall	Strengths	Next Steps		
Students	% of School Expectations Achieved	CASC Test Strand 1 Overall	CASC Test Strand 1 Strengths	CASC Test Strand 1 Next Steps	Test statement 1 for test strand 1 in test subject	CASC Test Strand 2 Overall	CASC Test Strand 2 Strengths	CASC Test Strand 2 Next Steps	Test statement 1 for test strand 2 in test subject
	Abess, Graham								
	Abbey, Sean								
	Acton, Samantha								

Analysis Reports

Pre-defined analysis reports are included in the software, most of which can be used with both the pre-defined and any school defined custom subjects, strands and statements. Examples of the various report outputs are shown in the following screenshots.

Summative Attainment Analysis

Subject: Test subject Term/Result Set: TP Year 8 Summer Term Groups: Year 8 Year: Year 8

Export Graph

Outcome Type: Count

Subject: Test subject Result Set: TP Year 8 Summer Term	No Result	8E	8D	8S	8M
Year 8(All)			2	154	3
Year 8(Male)			1	72	2
Year 8(Female)			1	82	1
Year 8(EAL)				14	
Year 8(Not EAL)			2	140	3
Year 8(PP)				20	
Year 8(Not PP)			2	134	3
Year 8(FSM)				16	
Year 8(Not FSM)			2	138	3
Year 8(SEN)			1	6	
Year 8(Not SEN)			1	148	3
Year 8(G&T)				6	
Students Coverage					
Briggs, Emma				1	
Candor, Stephen				1	
Cerveira, Pedro				1	
Drayton, Stephanie				1	
Ferrero, Alessio				1	
Right, Paul				1	
Year 8(Not G&T)			2	148	3
Year 8(SEN Needs)			1	8	
Year 8(Not SEN Needs)			1	146	3

This report can be produced for an overall subject, or for a single strand within a subject (pre-defined or created by the school). Selecting the option to include KPI breakdown, allows the user to expand each sub group to display the students in that group and figures can be displayed as a count or as a percentage.

Summative Progress Analysis

This analysis report can be produced for an individual strand (pre-defined or created by the school), to show the number of levels of progress from the end of the previous year to the selected term.

Subject: Test subject Strand: Test Strand 1 Term/Result Set: TP Year 8 Summer Term Groups: Year 8 Year: Year 8

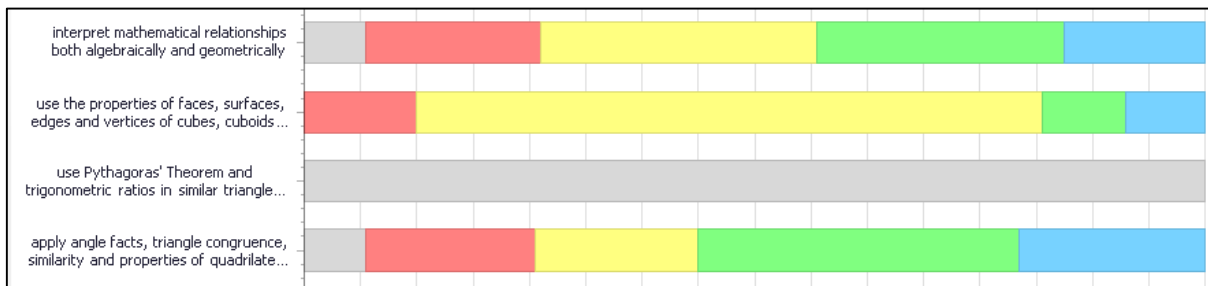
Export Graph

Outcome Type: Count

Subject: Test subject Strand: Test Strand 1 Result Set: TP Year 8 Summer Term	No Result	Regressed	No Progress	1	2	3	4	5 or more	Mastered
Year 8(All)		1		154	2				
Year 8(Male)		1		71	2				
Year 8(Female)				83					
Year 8(EAL)				14					
Year 8(Not EAL)		1		140	2				
Year 8(PP)				19	1				
Year 8(Not PP)		1		135	1				
Year 8(FSM)				15	1				
Year 8(Not FSM)		1		139	1				
Year 8(SEN)				7					
Year 8(Not SEN)		1		147	2				
Year 8(G&T)				6					
Year 8(Not G&T)		1		148	2				
Year 8(SEN Needs)				9					
Year 8(Not SEN Needs)		1		145	2				

Formative Attainment Analysis

This report shows how many students have achieved each level in a particular subject/strand.



Hovering over a segment of a bar shows how many students are recorded at that grade, clicking on the bar displays another window with further detail;

PoS

Show/Hide ▾ Export

Test subject/Test Strand 1	Total	Test statement 1 for teststrand 1 in test subject											
		N		E		D		S		M		Achieved	
		No	%	No	%	No	%	No	%	No	%	No	%
Year 8	159	0		1	0.63	1	0.63	153	96.23	4	2.52	157	98.74
Male	75	0		1	1.33	1	1.33	70	93.33	3	4.00	73	97.33
Female	84	0		0		0		83	98.81	1	1.19	84	100.00
EAL	14	0		0		0		14	100.00	0		14	100.00
Not EAL	145	0		1	0.69	1	0.69	139	95.86	4	2.76	143	98.62
PP	20	0		0		0		19	95.00	1	5.00	20	100.00
Not PP	139	0		1	0.72	1	0.72	134	96.40	3	2.16	137	98.56
FSM	16	0		0		0		16	100.00	0		16	100.00
Not FSM	143	0		1	0.70	1	0.70	137	95.80	4	2.80	141	98.60
CLA	0	0		0		0		0		0		0	
Not CLA	159	0		1	0.63	1	0.63	153	96.23	4	2.52	157	98.74
SEN	7	0		0		0		7	100.00	0		7	100.00
Not SEN	152	0		1	0.66	1	0.66	146	96.05	4	2.63	150	98.68
G&T	6	0		0		0		6	100.00	0		6	100.00
Not G&T	153	0		1	0.65	1	0.65	147	96.08	4	2.61	151	98.69
SEN Needs	9	0		0		0		9	100.00	0		9	100.00
Not SEN Needs	150	0		1	0.67	1	0.67	144	96.00	4	2.67	148	98.67

Strands created by the school are included in this report output, but it cannot be limited to show only school defined strands.

If a statutory statement description has been edited, it is the edited version of the text which will appear in this report.

Formative Progress Analysis

This report is generated for a term and includes **all** subjects and strands, including those defined by the school. The report cannot be filtered to show only those subjects or strands required, but can be exported to MS Excel for further filtering or editing.

Year: Year 8 Term/Result Set: TP Year 8 Summer Term Academic Year: 2015/2016											
Export											
Year 8		Year 7			Term for Year 8				Term for Year 8		
All Students	All Applicable KPI's	Summer	Autumn	Spring		Summer		Summer	Autumn	Spring	Summer
Subject	Strand	% Pos Previous Year Achieved	% Pos Achieved from this Curriculum Year	% Pos Achieved from this Curriculum Year	Difference Spring / Autumn	% Pos Achieved from this Curriculum Year	Difference Summer / Spring	Total % Progress this Year	% School Expectations Achieved	% School Expectations Achieved	% School Expectations Achieved
English: Reading	KS3:Developing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Understanding	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Criticalising	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
English: Writing	KS3:Writing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Planning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
English: Spoken Language	KS3:Speaking	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
English: G&V	KS3:Consolidating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mathematics	KS3:Working Mathematically - Developing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Working Mathematically - Reasoning	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Working Mathematically - Solving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Number	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Algebra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Ratio, proportion & rates of change	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Geometry & Measures	0.00	1.04	1.29	0.25	1.29	0.00	0.25	5.24	4.87	0.00
	KS3:Probability	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Science	KS3:Statistics	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Work Scientific - Scientific attitudes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	KS3:Work Scientific - Environmental & Biological	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Further Information

If you would like more information on the SIMS Programme of Study functionality, to discuss how the SIMS resources can be implemented to aid the assessment recording and analysis in your school, or would like to arrange some training, please log a case with the SITSS Service Desk by calling 01438-844777 option 1 and option 1 again, or via Service Desk Online.