How does OneGrade DELTA work?

- The college chooses from a broad range of different categories which reflect student performance.

- Data relating to each of those categories is imported for each student every week.

- DELTA converts the raw data into a score between 0 (worst case) and 100 (best case) for each category.

- An overall weighted average of the scores for all categories is generated for each student each week.

- The DELTA data can be viewed in a grid form, for each teaching group, course or department.

- The grid includes the current scores and the change from a set number of weeks in the past.

- Graphical analysis allows you to clearly view trends in the data over time.

- Interventions such as meetings with students can be viewed along with the graph of scores over time.

- Contextual 'flags' allow you to take into account circumstances which may be affecting performance.

The main DELTA screen is accessed from the DELTA tab

This section allows you to change the view between DELTA scores, raw data values or to view changes in scores over time

VA Group: 23518W1 23518W1_GpB (NCFE L1 Cert Occ Studies For Workplace (16-18 FT) YR1)

In Year Progress | Grouped Reporting | Progress vs Target | Progress vs Final | Details | **Delta** △

Students | Enrolments ⓘ   ○ Scores ○ Change ○ Values [4] Weeks Change ↻

My Watchlist		Student			Delta Summary		Delta Category Scores (as of 21/12/2023)									
		Student ...	Surname	Forenames	Overall Score	Change	Att	Punc	Prog	O/S Work	Survey	Wk Place...	Comments	Behavioural	Late Start?
👤	☑	459261	Adams	Amber	54	-12 ▼	5 ▼	90 ▶	75 ▶	100 ▶	80 ▶	0 ▶	20 ▶	20 ▼	100 ▶
👤	☐	458438	Adams	Rhiannan	85	12 ▲	70 ▼	40 ▶	100 ▲	100 ▶	30 ▶	0 ▶	100 ▲	100 ▶	100 ▶
👤	☐	457978	Bentham	Ashleigh	74	-5 ▼	15 ▼	100 ▶	75 ▶	100 ▶	30 ▶	0 ▶	100 ▶	100 ▶	80 ▶
👤	☑	445717	Blackledge	Kim	68	-19 ▼	70 ▼	100 ▶	0 ▼	100 ▶	80 ▶	0 ▶	20 ▼	100 ▶	90 ▶
👤	☐	445932	Green	Katie	90	3 ▲	90 ▼	100 ▶	100 ▲	100 ▶		0 ▶	50 ▲	100 ▶	90 ▶
👤	☐	451672	Hammond	Jodie	65	6 ▲	0 ▶	100 ▶	100 ▲	100 ▶	50 ▶	0 ▶	100 ▲	20 ▼	90 ▶
👤	☐	455468	Hampson	Cailey	79	2 ▲	40 ▶	70 ▲	75 ▶	100 ▶	50 ▶	0 ▶	100 ▶	100 ▶	90 ▶
👤	☐	453628	Holding	Samanta	77	-10 ▼	90 ▶	100 ▶	0 ▼	100 ▶	80 ▶	0 ▶	60 ▶	100 ▶	90 ▶
👤	☐	449133	Morris	Olga	75	6 ▲	10 ▶	100 ▶	75 ▶	100 ▶	50 ▶	0 ▶	100 ▲	100 ▶	90 ▶
👤	☐	459382	Paine	Isabelle	87	9 ▲	40 ▲	100 ▶	100 ▲	100 ▶	80 ▶	0 ▶	100 ▶	100 ▶	100 ▶
👤	☐	450087	Parkinson	Jayden	80	19 ▲	40 ▼	40 ▶	100 ▲	100 ▶	50 ▶	0 ▶	100 ▲	100 ▲	90 ▶
👤	☐	451800	Partridge	Jamie	75	8 ▲	40 ▶	70 ▶	75 ▶	100 ▶	80 ▶	0 ▶	60 ▲	100 ▶	90 ▶
👤	☑	462350	Qayum	Tasleem	53	-8 ▼	0 ▶	90 ▶	0 ▼	100 ▶	80 ▶	0 ▶	100 ▲	20 ▼	90 ▶
👤	☐	451009	Quinn	Albert	63	-8 ▼	0 ▶	70 ▲	75 ▶	100 ▶	80 ▶	0 ▶	100 ▶	20 ▼	100 ▶

The 'My Watchlist' function allows you to select certain students who will appear by default on an overall report.

Alongside the students' names we can see their latest overall weighted DELTA score plus the change from the number of weeks ago specified at the top of the screen

The score for each category is shown, along with the change from the number of weeks previously which you specify. The buttons above the grid allow you to change the category data to show the raw values or the exact change in the scores.
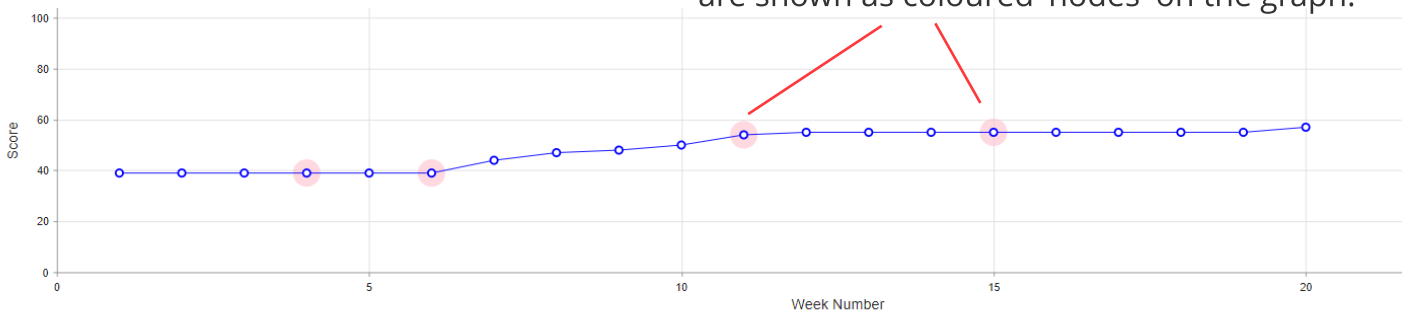
Clicking on a column header will sort the data e.g. we can see the students in order of their overall score, or in this example the change in their DELTA score since 4 weeks ago.

Clicking on the arrow next to the number in the 'Change' column will display a graph like the one shown below.

The graph shows the full history of changes in the overall DELTA score each week.

Meetings with students (or other 'interventions') are shown as coloured 'nodes' on the graph.

Overall Score Change over the last 4 weeks is: 53 (Week 20) - 55 (Week 16) = -2
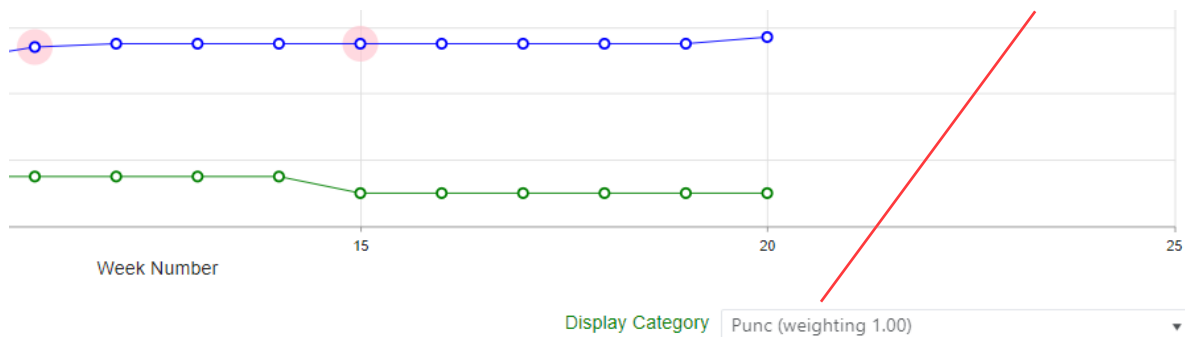
Display Category | Please Select...

	Student		Delta Summary					Delta Category Scores			
Student Ref	Surname	Forenames	Overall Score	Change	Att	Punc	Prog	O/S Work	Survey	Wk Placement	Comments
446845	Islam	Megan	53	-2 ▼	0 ▶	10 ▶	0 ▼	100 ▶		0 ▶	100 ▶

Interventions

Intervention #	Date of Intervention	Week No	Information	Course
1	27/09/2023	4	1:1 Careers Interview	n/a n/a
2	29/09/2023	4	Stage 1 - First Formal Warning	n/a n/a
3	10/10/2023	6	Stage 2 - Second Formal Warning	n/a n/a
4	16/11/2023	11	Stage 3 - Final Formal Warning	n/a n/a
5	13/12/2023	15	One to One	n/a n/a

Interventions (normally meetings recorded in an ILP) are also listed in a table, with dates.

You also have the option to overlay a graph of specific DELTA categories over the main graph:

Display Category | Punc (weighting 1.00) ▼

Contextual Flags

When looking at DELTA data, it's useful to have other contextual information relating to the students available on the same screen. For example, whether a student has a learning disability, an Educational Health Care Plan (EHCP), or High Needs. You might also see flags relating to students who are carers, in care, or receiving additional learning support. Whilst it wouldn't be appropriate to include such indicators in the DELTA calculation, it's nevertheless useful to see them alongside the DELTA scores:

Details	Delta △													
O Scores	Change	Values	4 Weeks Change ↻											⚑
			Delta Category Scores (as of 22/01/2024)							Flags/Values (for further information)				
Att	Punc	Prog	O/S Work	Survey	Wk Place...	Comments	Behavioural	Late Start?	LLDD	EHCP	High N...	Carer	In Care?
10 ▶	100 ▶	75 ▼	100 ▶		0 ▶	50 ▶	100 ▶	100 ▶					
40 ▶	15 ▼	100 ▶	100 ▶		0 ▶	100 ▶	100 ▶	100 ▶					
70 ▶	100 ▶	100 ▶	100 ▶		0 ▶	100 ▶	100 ▶	100 ▶	✓				
100 ▶	100 ▶	100 ▶	100 ▶		0 ▶	100 ▶	100 ▶	100 ▶	✓	✓	✓		
5 ▼	70 ▶	0 ▶	100 ▶		0 ▶	100 ▶	100 ▶	100 ▶					
10 ▼	10 ▶	0 ▶	100 ▶		0 ▶	100 ▶	20 ▶	100 ▶					
40 ▼	70 ▶	0 ▶	100 ▶	80 ▶	0 ▶	100 ▲	100 ▶	100 ▶	✓				
70 ▶	70 ▶	75 ▼	100 ▶	80 ▶	0 ▶	100 ▶	100 ▶	100 ▶					
15 ▶	40 ▶	0 ▶	100 ▶		0 ▶	100 ▶	100 ▶	100 ▶					
0 ▶	10 ▶	0 ▼	100 ▶		0 ▶	100 ▶	100 ▲	90 ▶					✓

Enrolment Level Data

DELTA scores relate to a student overall as opposed to enrolments on specific courses. Hence it can sometimes be useful to see the raw data for e.g. attendance at enrolment level.

For example below, the student has a very low DELTA score for attendance:

Students	Enrolments	ⓘ				O Scores
My Watchlist		Student			Delta Summary	Att
▼	▼	Student ...	Surname	Forenames	Overall Score	Change	
👤	☐	446845	Islam	Megan	53	-2 ▼	0 ▶

It's helpful to be able to check their actual attendance figure on each course by using the 'Enrolments' tab and clicking the 'All Courses' flag:

Students	Enrolments	ⓘ	☑ All Courses			
		Student			Enrolment	
▼	Student ...	Surname	Forenames	Course Code ▼	Course Title ▼	Att
👤	446845	Islam	Megan	29462W	(O) EDEXCEL L3 Nat Ext D...	68.50
👤	446845	Islam	Megan	GCSE-MAT	OCR GCSE Maths EVE 1Y...	48.30

In the example above we can see that while attendance overall is poor, Maths is of particular concern.

DELTA ANALYSIS AND REPORTING

Navigation within a course or department

OneGrade Plus allows simple navigation between specific groups on a course, all students on that course code or learning aim, or all students in the same department:

If we click on the link to Dept 51 in the above group, we can then view DELTA data for every student on an enrolment in that department (the full grid below actually contains around 300 rows):

Global Reporting

To view DELTA data across the whole college, an overall report is provided in the left hand menu:

The report above will default to students in your teaching groups, but you can change the view to all students on your watchlist, or all students in the college.

Columns can be added, sorted or filtered, and data can be exported to Excel for further analysis.