

## GENERATING TARGET GRADES

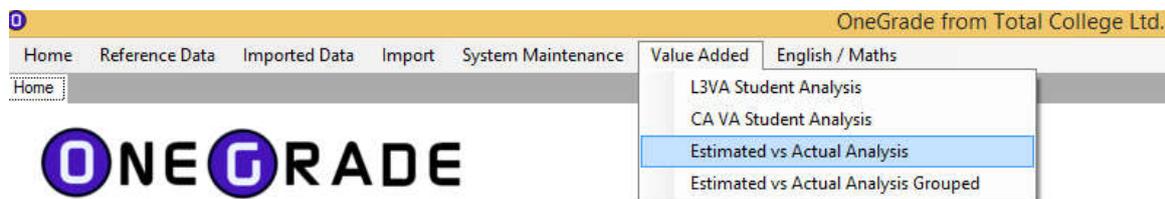
- This guide assumes that the setup, configuration and importing of data into the system has been completed.
- If not then please refer to the main user guide which is available here: [www.totalcollege.co.uk/resources](http://www.totalcollege.co.uk/resources)
- Contents:
  1. Introduction
  2. Graded level 2 and level 3 qualifications
  3. Value Added based qualifications – A Level and Applied General cohorts
  4. Completion/Attainment based qualifications – Tech Level and Tech Cert cohorts
  5. Pass/Fail qualifications

### 1. INTRODUCTION

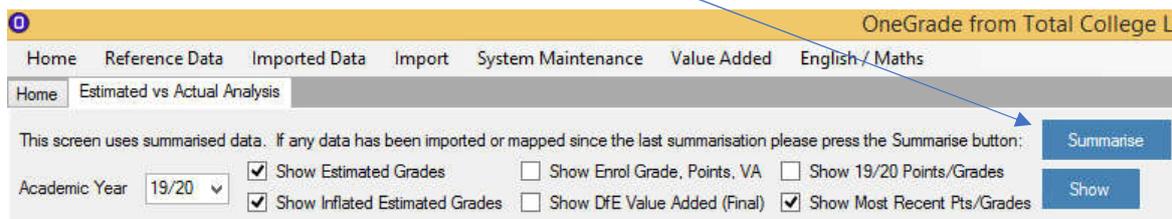
- The generation of Target Grades for students is one of the key functions of the OneGrade system.
- OneGrade uses DfE national performance data to generate target grades for students on graded level 2 and level 3 qualifications, plus the system also contains a method to create a target/motivational system for ungraded qualifications.

### 2. GRADED LEVEL 2 AND LEVEL 3 QUALIFICATIONS

- Following any imports of new data (students, enrolments, qualification on entry, courses) into OneGrade, you should open the main **Estimated vs Actual Analysis** screen:



- If new data has been imported, first click on the **Summarise** button:



- To show a summary of targets, tick the boxes which are ticked in the image above (**Show Estimated Grades, Show Inflated Estimated Grades, Show Most Recent Pts/Grades**) and then click the **Show** Button:

The screenshot shows the 'Estimated vs Actual Analysis' screen with the 'Show' button clicked. The table displays student data with columns for Student Ref, Surname, Forenames, Learning Aim Ref, Learning Aim Title, Size, Ac/Yr, Cohort, VA Type, Course Code, Student Ac/Yr, QOE-All (College), QOE-GOSE (College), Est (<=16/17), Est G (<=16/17), Est G+ (<=16/17), Est (17/18), Est G (17/18), Est G+ (17/18), Est (18/19), Est G (18/19), Est G+ (18/19), Recent Est Points, Recent Est Grade, and Recent Est G+.

Student Ref	Surname	Forenames	Learning Aim Ref	Learning Aim Title	Size	Ac/Yr	Cohort	VA Type	Course Code	Student Ac/Yr	QOE-All (College)	QOE-GOSE (College)	Est (<=16/17)	Est G (<=16/17)	Est G+ (<=16/17)	Est (17/18)	Est G (17/18)	Est G+ (17/18)	Est (18/19)	Est G (18/19)	Est G+ (18/19)	Recent Est Points	Recent Est Grade	Recent Est G+
400090	400090	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3004...	19/20	2.17					41.36	PPP	MPP				41.36	PPP	MPP
402983	402983	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3004...	19/20	4.71					103.12	DDD	D*DD				103.12	DDD	D*DD
403111	403111	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3003...	19/20	3.00					79.13	MMM	DMM				79.13	MMM	DMM
408839	408839	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3004...	19/20	3.17					80.71	DMM	DDM				80.71	DMM	DDM
411346	411346	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3003...	19/20														
411631	411631	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3004...	19/20	3.61					82.64	DMM	DDM				82.64	DMM	DDM
412265	412265	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3004...	19/20	3.00					79.13	MMM	DMM				79.13	MMM	DMM
412595	412595	Student	60172290	BTEC National E...	3...	1	Apple...	L3VA	L3003...	19/20	2.17					41.36	PPP	MPP				41.36	PPP	MPP

- Target Grades are generated based on the most recent available national data. In this example, this is data from the 2017/18 national performance data.

Est (<=16/17)	Est G (<=16/17)	Est G+ (<=16/17)	Est (17/18)	Est G (17/18)	Est G+ (17/18)	Est (18/19)	Est G (18/19)	Est G+ (18/19)	Recent Est Points	Recent Est Grade	Recent Est G+
			41.36	PPP	MPP				41.36	PPP	MPP
			103.12	DDD	D*DD				103.12	DDD	D*DD
			79.13	MMM	DMM				79.13	MMM	DMM
			80.71	DMM	DDM				80.71	DMM	DDM

(This qualification was not included in national performance data prior to this, and at the time of writing the 2018/19 national data has not yet been published).

- For a cohort of students in a given academic year (in this case 2019/20), prior national data may exist from different prior academic years, hence the **Recent Est** columns always show the targets based on the most recent available data for the student/enrolment on that row.
- For example these enrolments have national data from multiple years and the **Recent** columns are the same as the 17/18 columns as they are the most recent data available:

Est (<=16/17)	Est G (<=16/17)	Est G+ (<=16/17)	Est (17/18)	Est G (17/18)	Est G+ (17/18)	Est (18/19)	Est G (18/19)	Est G+ (18/19)	Recent Est Points	Recent Est Grade	Recent Est G+
48.01	A	A*	50.24	A	A*				50.24	A	A*
35.15	B	A	34.91	C	B				34.91	C	B
28.77	C	B	17.25	D	C				17.25	D	C

- The column headers/data shown are as follows:

**Est or Recent Est Points** : the average national performance expressed as a DfE points score

**Est G or Recent Est Grade** : that points score translated to the nearest equivalent grade

**Est G+ or Recent Est G+** : a stretch challenge target, which by default is one grade boundary higher (the number of grade boundaries can be changed, see main user guide for more information)

### 3. VALUE ADDED BASED QUALIFICATIONS – A LEVEL AND APPLIED GENERAL COHORTS

- For all A level and specific level 3 vocational qualifications (as defined by the DfE as in the ‘Applied General’ cohort), the data used by OneGrade follows the VALUE ADDED methodology.
- In these cases the target will be based on students’ Key Stage 4 average level 2 attainment score.
- For information about the student’s prior qualifications and how the national data is used to generate a target, click on the **Details** button at the left hand side of the row:

Home Estimated vs Actual Analysis

This screen uses summarised data. If any data has been imported or mapped since the last summarisation, you will see a message at the top of the screen.

Academic Year: 19/20

Show Estimated Grades     Show Enrol Grade, Points, \
  Show Inflated Estimated Grades     Show DfE Value Added (Fin

	Student Ref	Surname	Forenames	Learning Aim Ref	Learning Aim Title
<a href="#">Details</a>	428487	428487	Student	60171601	BTEC National Extended Di...
<a href="#">Details</a>	426493	426493	Student	60171601	BTEC National Extended Di...
<a href="#">Details</a>	418012	418012	Student	60171601	BTEC National Extended Di...

- Here we see a student enrolled on BTEC Extended Diploma in Business (Applied General cohort) and we can examine the detail of their prior qualifications and how they generate an average QOE score:

Details - 419023 Student 419023

Qualifications on Entry for the Selected Student:

Academic Year ID	Entry Learning Aim Ref	Title	Grade	Date Awarded	Points	Points from 1718	Volume	Learning Aim Type	Is GCSE?	Qual Type Mapped?	Grade Mapped?
19/20	500448...	GCSE in Religious Studi...	F	24/08/2017	11.00	0.75	0.50	GCSE Short	1	Yes	Yes
19/20	500452...	GCSE in Business Studies	D	23/08/2017	34.00	3.00	1.00	GCSE	1	Yes	Yes
19/20	500466...	GCSE in Music	F	24/08/2017	22.00	1.50	1.00	GCSE	1	Yes	Yes
19/20	500785...	GCSE in Mathematics	3	25/08/2019	34.00	3.00	1.00	GCSE	1	Yes	Yes
19/20	500791...	GCSE in English Literature	4	25/08/2019	40.00	4.00	1.00	GCSE	1	Yes	Yes
19/20	600088...	GCSE in Additional Scie...	E	24/08/2017	28.00	2.00	1.00	GCSE	1	Yes	Yes

15 rows

QOE Points (GCSE) 2.98

QOE Points (All) 3.17

Notes:  
 If the Cohort is Academic or A Level, GCSEs only are used for the QOE Points.  
 If the Cohort is Applied General or None, all quals are used for the QOE Points.  
 For enrolments from 18/19 onwards, the "Points from 1718" are used (1-9 scale).

**QOE Points (GCSE)** – average score using GCSEs only, which is only used for A level enrolments.

**QOE Points (All)** – also includes certain vocational L2 quals taken at KS4. As per DfE methodology, this score will be used in this case to generate the target grade, as the enrolment is on a qualification in the Applied General cohort.

As the enrolment is on an Applied General qualification, we can see how this student's average **QOE (All)** score of 3.17 is read off the national graph to generate a target points score of 79.20, translated using the scale at the bottom right to the nearest equivalent grade of MMM:

Student Ref	Surname	Forenames	Learning Aim Ref	Learning Aim Title	Size	Ac/Yr	Cohort	VA Type	Course Code	Student Ac/Yr	QOE-All (College)	QOE-GCSE (College)	Est (<=16/17)	Est G (<=16/17)	Est G+ (<=16/17)	Est (17/18)	Est G (17/18)	Est G+ (17/18)
419023	419023	Student	60171601	BTEC National Extended Di...	3...	1	Appl...	L3VA	L300...	19/20	3.17					79.20	MMM	DMM

Details - 419023 Student 419023

Qualifications on Entry Qualification National Data Qualification Type

Show the Value Added Graph based on values published for Academic Year 17/18

3463201013  
 BTEC National Extended Diploma L3 - Band N - PPP-D'D'D' Business Studies

Number of Cases 1313  
 Number of Bands 20

Grade	Points
DDM	95.00
DMM	85.00
MMM	75.00
MMP	65.00

In the example below we see a student with an average KS4 score of 8.0 enrolled on A level Biology, generating an **Est G** target of grade A (based on the DfE scale for A level where 50 points equates grade A):

Student Ref	Surname	Forenames	Learning Aim Ref	Learning Aim Title	Size	Ac/Yr	Cohort	VA Type	Course Code	Student Ac/Yr	QOE-All (College)	QOE-GCSE (College)	Est (<=16/17)	Est G (<=16/17)	Est G+ (<=16/17)	Est (17/18)	Est G (17/18)	Est G+ (17/18)
423477	423477	Student	60146254	GCE A Level in Biology	1...	1	A level	L3VA	22481L	19/20	8.00		48.01	A	A*	50.24	A	A*

Details - 423477 Student 423477

Qualifications on Entry Qualification National Data Qualification Type

Show the Value Added Graph based on values published for Academic Year 17/18

1111110101  
 GCE A level Biology (A level cohort)

Number of Cases 53148  
 Number of Bands 20

Grade	Points
A*	60.00
A	50.00
B	40.00
C	30.00

#### 4. COMPLETION/ATTAINMENT BASED QUALIFICATIONS – TECH LEVEL AND TECH CERT COHORTS

- For certain graded level 3 vocational qualifications (as defined by the DfE as in the ‘Tech Level’ cohort) and graded level 2 qualifications (defined by the DfE as in the ‘Tech Cert’ or ‘Other Level 2’ cohorts), OneGrade follows the COMPLETION/ATTAINMENT methodology.
- In these cases the students’ targets are based on the overall national average attainment of all students on the same qualification in previous years, regardless of their prior qualifications at KS4.
- This means that students on a specific qualification will initially be given the same target regardless of their entry qualifications. (If required, Total College can supply a script to differentiate targets based on prior qualifications)
- In this example the Est G is MMP, based on a 17/18 national average score of 65.45:

#### 5. PASS/FAIL QUALIFICATIONS

- These appear as a separate cohort (Pass Only) and can be included in the main screen via a system setting:

- In the **Reference Data** menu, you then have the option to view/edit a customisable list of stretch/challenge grades which can be used to extend the aspirations of students on pass/fail qualifications:

- You can use the default ‘P, P+, P++’ scheme, or create your own scheme (e.g. Bronze/Silver/Gold) and allocate a points score to each grade descriptor. If you then capture feedback from teachers relating to the in-year progress of these students, that can be imported back into OneGrade to provide a picture of the extra progress that students on pass/fail courses may be making.

**FURTHER INFORMATION – is available in the OneGrade User Guide and the other HOW TO guides in this series.**

For further support and information on OneGrade please visit our website at [www.totalcollege.co.uk](http://www.totalcollege.co.uk)