

Administration Solutions for Education

Denbigh Administration

Markbook Teachers Manual

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Manage all data that contributes to School based academic assessment, Students Marks and rankings and can be pushed to Academic Reports. Import Tasks for the year from Spreadsheets, Create tasks from spreadsheets, Create groups for courses, Add tasks to Calendar, pushing marks to Academic Reports.

Markbook Menu - Desktop



- 1 View all Markbook Tasks
- 2 View all Markbook Groups
- 3 Print all Markbook Task, Groups and Results for Students
- 4 Create Markbook Tasks
- 5 Create Markbook Groups
- 6 Prints an Assessment Calendar per Due Date or Assignment Date
- 7 Imports Spreadsheets to create Tasks
- 8 Adds Tasks to the Calendar

Markbook Menu - Denbigh Focus



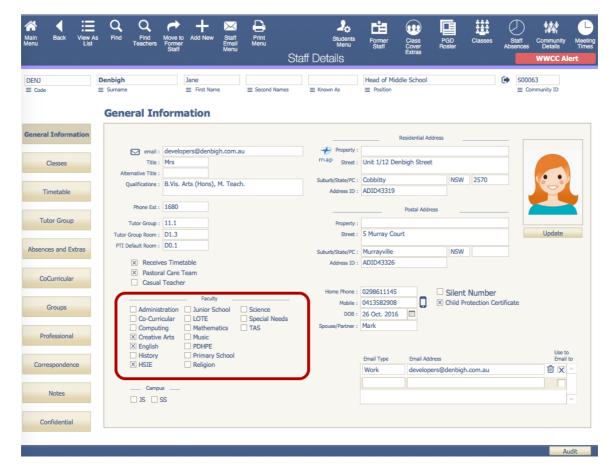


Class Information/Faculties



Markbook tasks and groups are all created by using the details from the Classes file, students classes, courses, faculties. Ensure all data is correct before creating Tasks. In particular, it is very important that the Faculty field be populated.

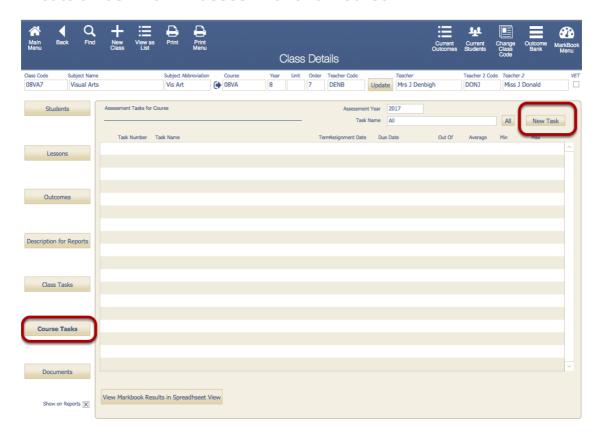
Staff Faculties



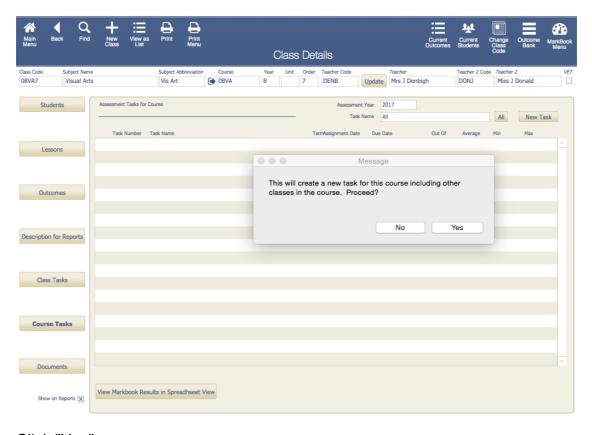
Ensure that the faculty of the staff members is updated. There is also a Check box in the Confidential section for staff to update staff members to be Markbook Administrator and they must also been the Markbook Administrator Group for permission.



Create a Task from Classes File for a Course

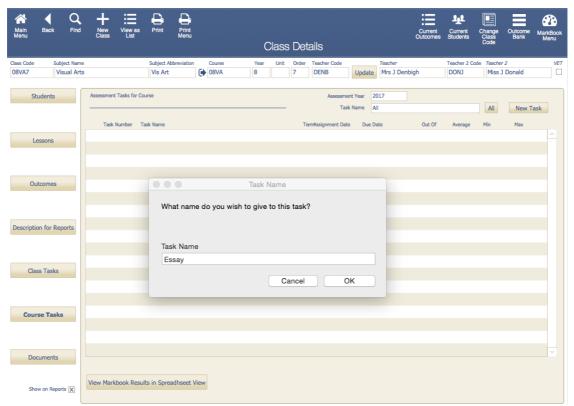


Click the Course Tasks tab - Click "New Task" button.

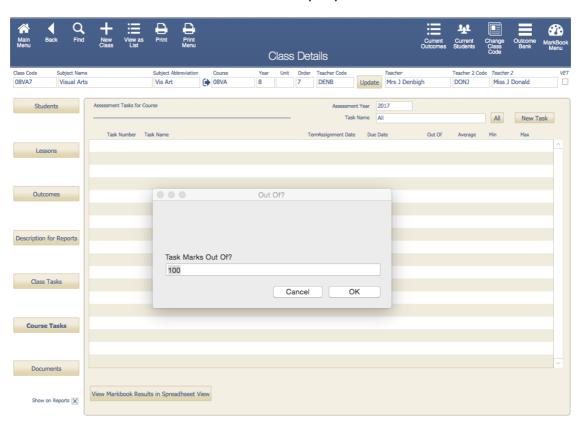


Click "Yes".



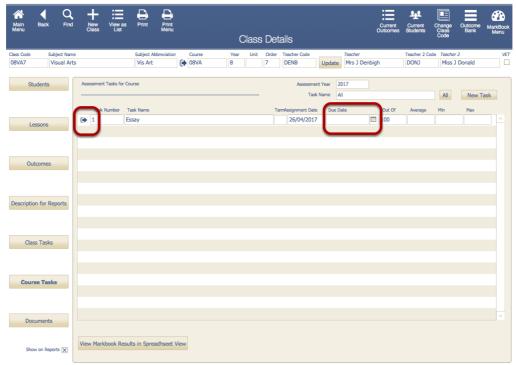


Add the name of the Task - should be unique per course.



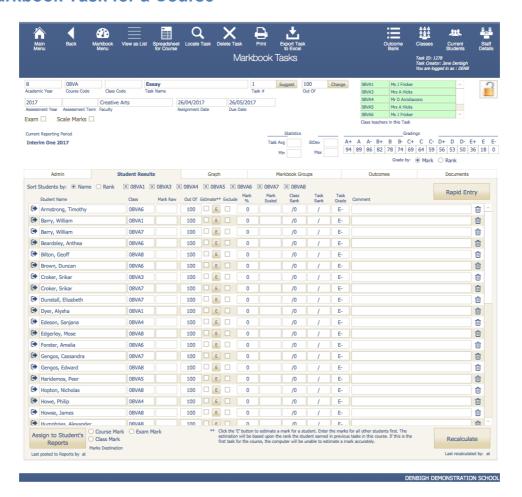
Enter the Out of mark. (This is not the weighted total)





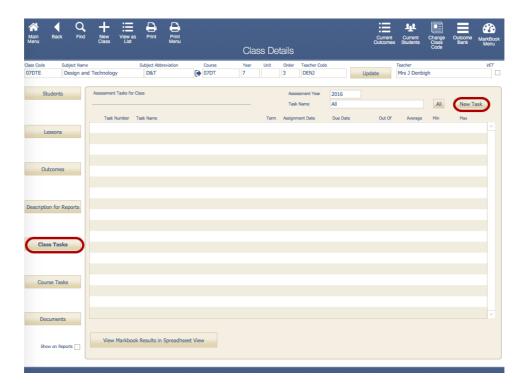
Task is created. Update the Due Date Field. Click the jump arrow to view the Markbook task. Tasks will number automatically.

Markbook Task for a Course

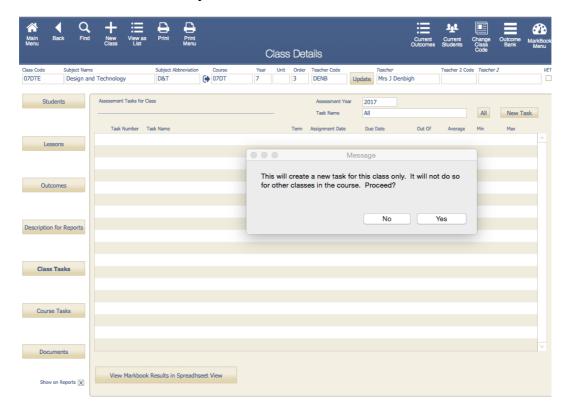




Create Tasks from Classes file for a Class - Note: This will not contribute to the course

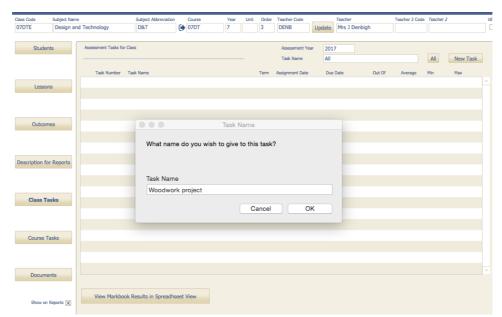


ClickThis will create a task just for this class. Click "New Task" .

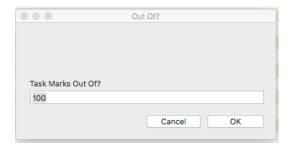


Click "Yes"

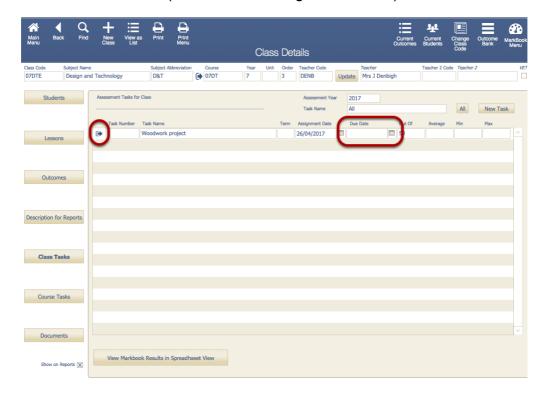




Add the task name (This should be unique per class) and Click "OK".



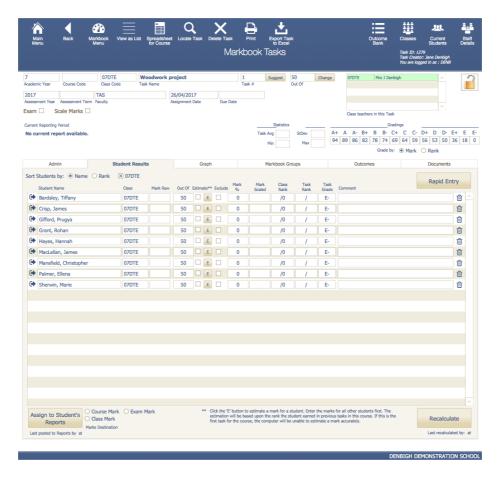
Add the Marks "Out of". (this is not the weighted number)



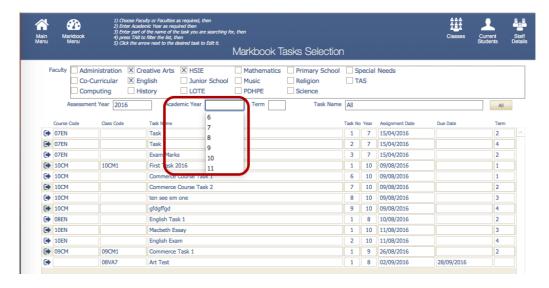


Enter the Due date for the Task and click the jump arrow to view the task. Tasks will number automatically.

Markbook Task for a Class



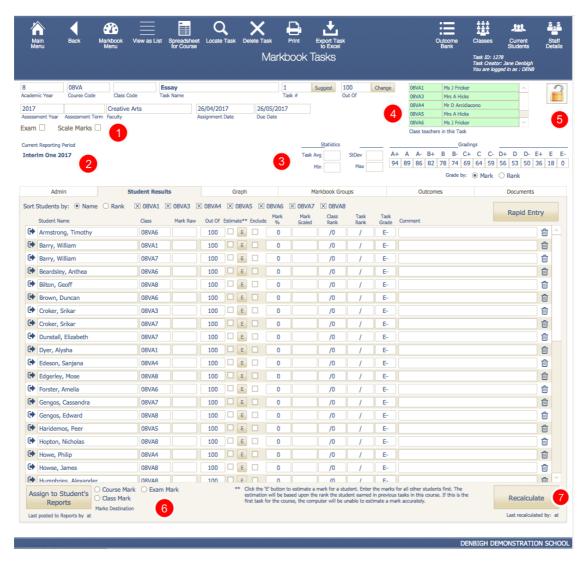
To view Markbook tasks from Markbook Menu



The markbook tasks selection will filter for the current logged in staff member's faculty/faculties. Enter the Academic Year, to search for a particular year.



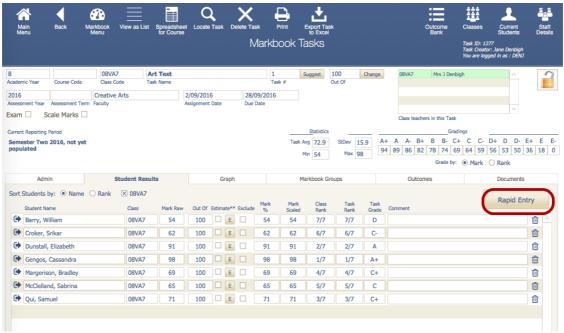
Markbook Tasks - Details



If any fields appear in yellow this will be because the data is missing.

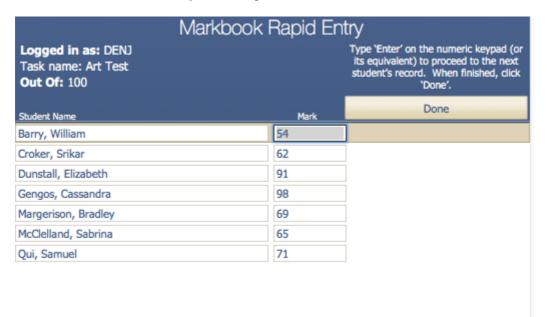
- 1 Check box to show they are Exam Marks & Scale Marks Check to display Scaling options
- 2 Shows the current Reporting Period
- 3 Statistics of Tasks
- 4 Teachers of the classes in the Course
- 5 Padlock to lock the task
- 6 Check box of where the marks will be assigned and button to assign marks to the Students Reports
- 7 Click to recalculate after changing any marks





Entering Marks - Rapid Entry button

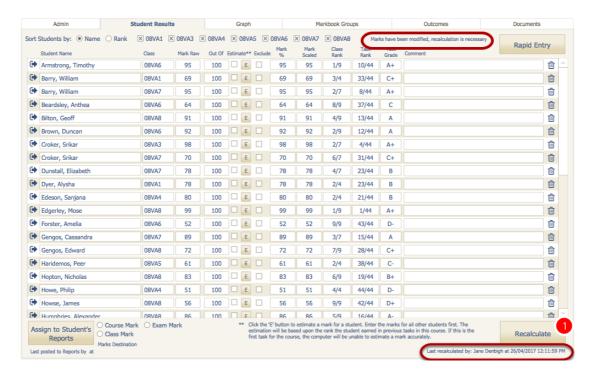
Markbook Tasks - Rapid Entry



Type the "enter" key on the numeric keypad (or it's equivalent) to enter marks. Click "Done" when finished.



Markbook Tasks - Recalculate

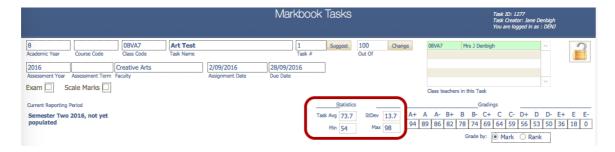


Whenever a mark is changed it will display a message to recalculate the marks.

1 - Click the Recalculate button.

Note the there is a date stamp for time and user.

Markbook Tasks - Statistics



Statistics of the Tasks will be filled once the marks are entered. These can be adjusted as per school requirements.

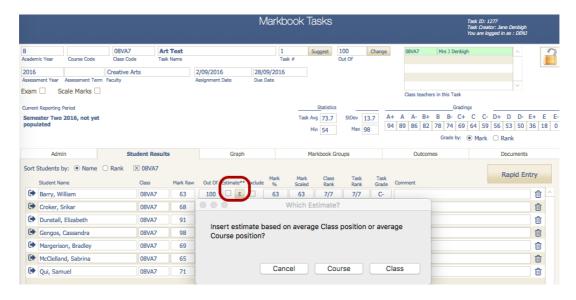


Markbook Tasks - Sorting and Filter lists



- 1 Choose to sort by Student's name or Rank.
- 2 Uncheck or Check to filter by Class.

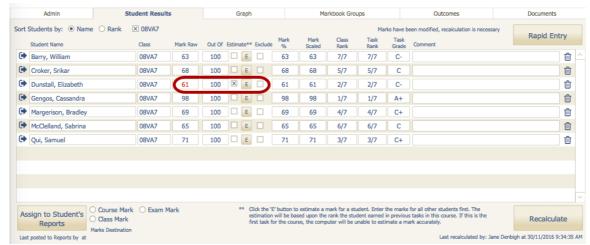
Markbook Tasks - Estimate Mark



Press E to Estimate a mark based on the average Class position or average Course position. If this is the first task for the course it is unable to estimate the mark. Click to choose either Class or Course position. Then Recalculate the marks.

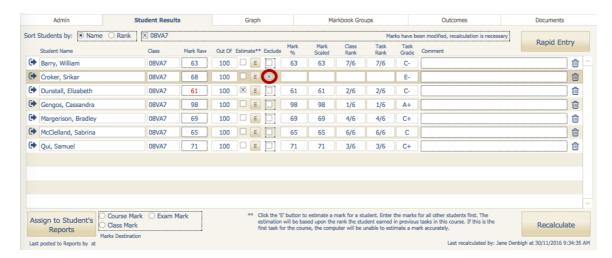
Please Note: Enter the marks for all other students first. The estimation will be based upon the rank the student earned in previous tasks in this course. If this is the first task for the course, the computer will be unable to estimate a mark accurately.





The mark will display in red and the Estimate check box will be checked.

Markbook Tasks - Exclude Mark



Click on the Exclude Check box to exclude a students marks in the task.

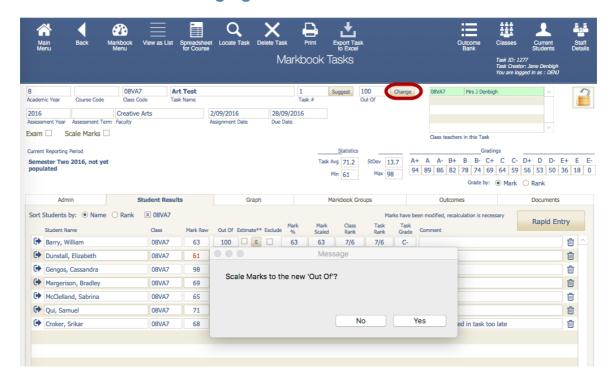
Markbook Tasks - Exclude Mark



Enter comments regarding why a mark is to be excluded.

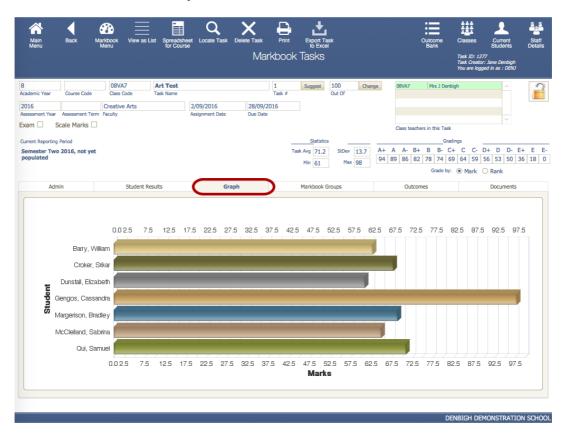


Markbook Tasks - Changing the Out Of



Click the Change button beside the Out of field. Click Yes and then enter the new Out of.

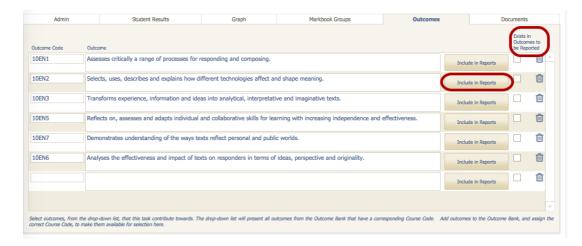
Markbook Tasks - Graph



Displays the Marks graphically.

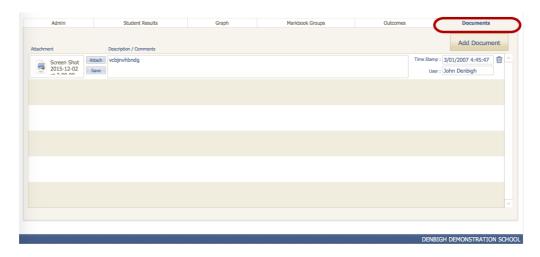


Markbook Tasks - Outcomes



Outcomes for courses can be added here instead of in the classes/courses file. If the outcome already exists in the Course file the checkbox will be checked. Click to Include in Reports (if it was not added previously in the courses file).

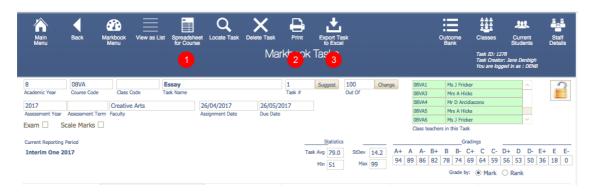
Markbook Tasks - Documents



Add any Documentation pertaining to the course.

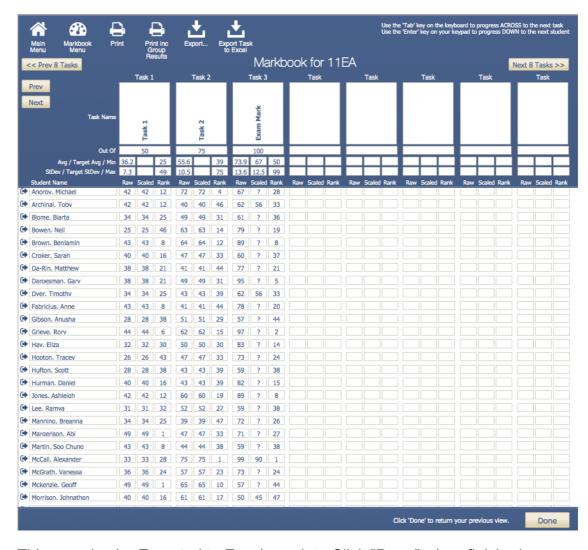


Markbook Menu Functions



- 1 Spreadsheet for Course
- 2 Print Tasks for Course
- 3 Export Task to Excel

Markbook Tasks - Spreadsheet for Course



This can also be Exported to Excel or print. Click "Done" when finished.



Markbook Tasks - Print



Denbigh Demonstration School

MarkBook Results for Half Yearly Exam

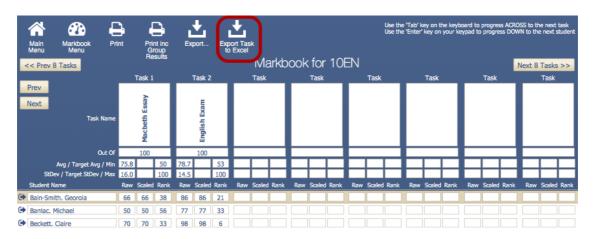
Course: 12EA Classes: 12EA1, 12EA3, 12EA4, 12EA5, 12EA6 Task Marked out of: 50 Assigned Date: Wed, 2 May 2012 Due Date: Thu, 31 May 2012

Statistics						
Avg	40.0	Min	25.0			
StDev	6.8	Max	50.0			

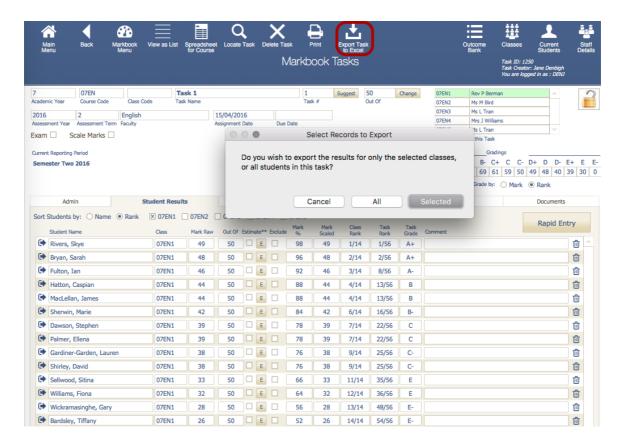
Class	Student Name	Mark Raw	Mark Scaled	Rank in Task	Rank in Class	Comment
12EA6	Al Ghardaqa, Nancy	43	86	12/39	5/10	
12EA5	Allnutt, Andrea	44	88	11/39	1/5	
12EA4	Anderson, Alexia	26	52	38/39	9/10	
12EA5	Bhargava, Rahul	41	82	20/39	2/5	
12EA1	Bishop, Shriya	49	98	2/39	1/6	
12EA6	Cameron, Jessica	46	92	7/39	3/10	
12EA3	Ciccarone, Suyeon	43	86	12/39	5/8	
12EA1	Davies, Henry	46	92	7/39	2/6	
12EA4	Deak, Ryan	25	50	39/39	10/10	
12EA6	Do, Alissa	33	66	33/39	10/10	
12EA5	Donovan, Nicky	27	54	37/39	5/5	
12EA4	Farrell, Joshua	35	70	30/39	6/10	
12EA4	Gardner, Angela	34	68	31/39	7/10	
12EA1	Hammond, Nai	33	66	33/39	5/6	
12EA3	Hanson, Jane	48	96	5/39	2/8	
12EA6	Hayes, Calum	40	80	23/39	8/10	
12EA4	Homewood, Bradley	41	82	20/39	3/10	
12EA3	Hunter, Herorge	50	100	1/39	1/8	
12EA4	Johnson, Kieren	28	56	35/39	8/10	
12EA3	Knox, Annie	46	92	7/39	4/8	
12EA5	Macintyre, Swetha	39	78	26/39	3/5	
12EA4	MacLellan, Stephanie	42	84	17/39	2/10	
12EA1	McCulloch, Rosanna	36	72	29/39	4/6	
12EA1	Meyer, Edward	28	56	35/39	6/6	
12EA6	Nisbet, Bruce	46	92	7/39	3/10	
12EA4	Noble, Hannah	40	80	23/39	4/10	
12EA6	Parsons, Simmi	34	68	31/39	9/10	
12EA3	Pascoe, Paul	42	84	17/39	6/8	
12EA5	Peters, Natasha	39	78	26/39	3/5	
12EA6	Roberts, Vivien	42	84	17/39	7/10	
12EA3	Robertson, Roopam	47	94	6/39	3/8	
12EA4	Stoya, Harley	43	86	12/39	1/10	
Number of s	tudents: 39					as at 2/07/201

Task Print layout.

Markbook Task - Export to Excel



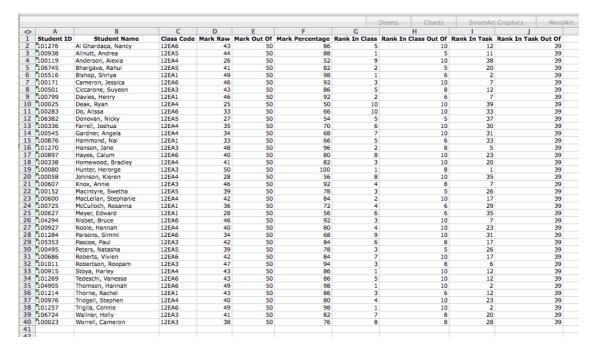




You can also choose to export an individual task to Excel. You can choose all students or just the selected classes.

Choose a place to save the file and export the data.

Markbook Tasks - Excel Export



Excel spreadsheet for a task.



Markbook Tasks - Assign Marks to Student's Reports

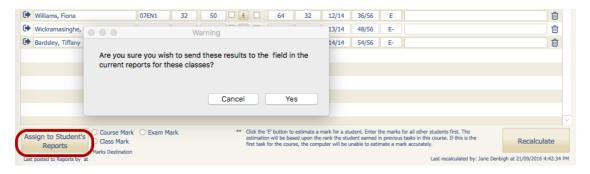


Ensure there is a reporting period for this Course.



Check the type of marks and click to assign to the Student's Reports.

Markbook Tasks - Assign Marks to Reports

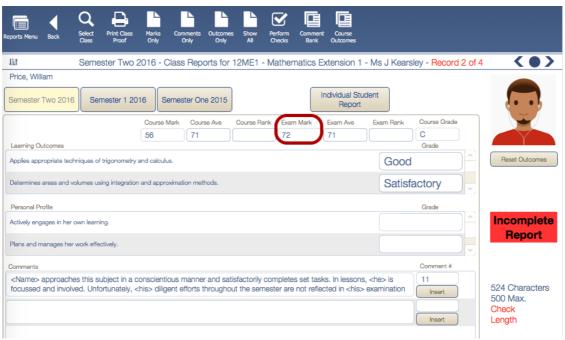


Click "Yes" to add Exam marks for current reports.



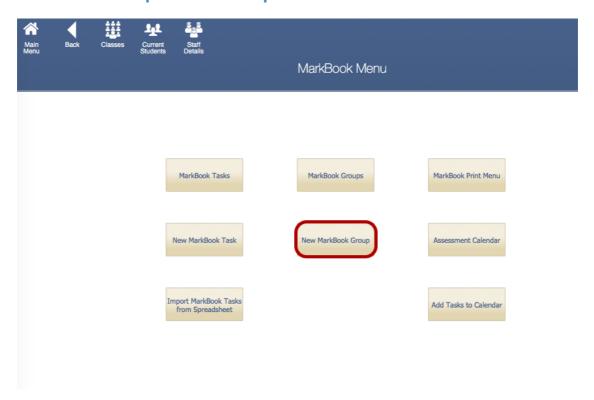
Once successfully assigning marks to a students report a popup box will appear saying that the process is done, Click "Ok" to continue.





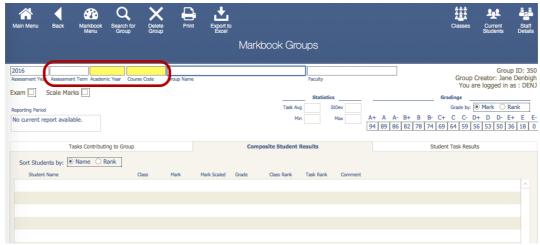
Marks added to reports.

Markbook Groups - New Group



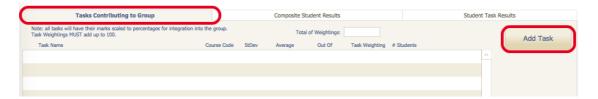
Used to group tasks.





Add the Assessment Term (if required), Academic Year, Course Code and the Group Name.

Markbook Groups - Adding Tasks to a Group



Click on Tasks Contributing to a Group then "Add Task".

Markbook Groups - Add Task



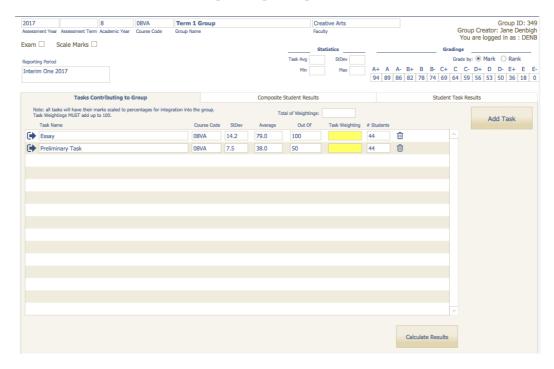
Click on the task to contribute to the course Group, then click "Continue".





Check the tasks to be added to the Group.

Markbook Groups - Adding Weighting



Add the weightings for each task. Weightings must total 100.

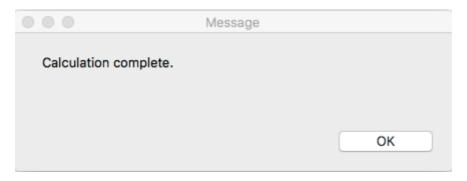


Markbook Groups - Weighting



Weightings equalling 100. Click to "Calculate Results".

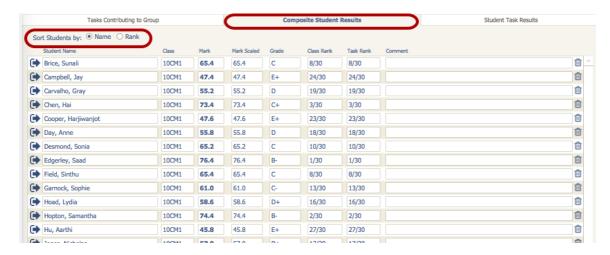
Markbook Groups - Calculating Group



A pop-up will appear once the Calculation process has been successfully completed, Click OK to continue.

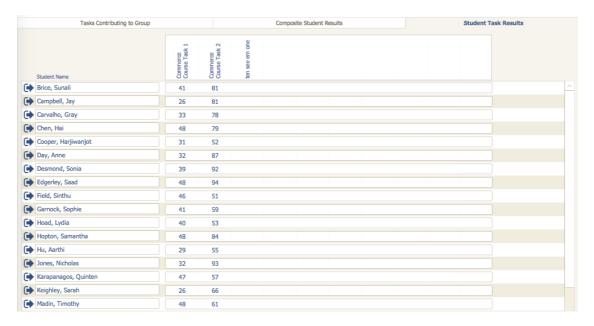


Markbook Groups - Composite Student Results



Sort Results by Name or Rank.

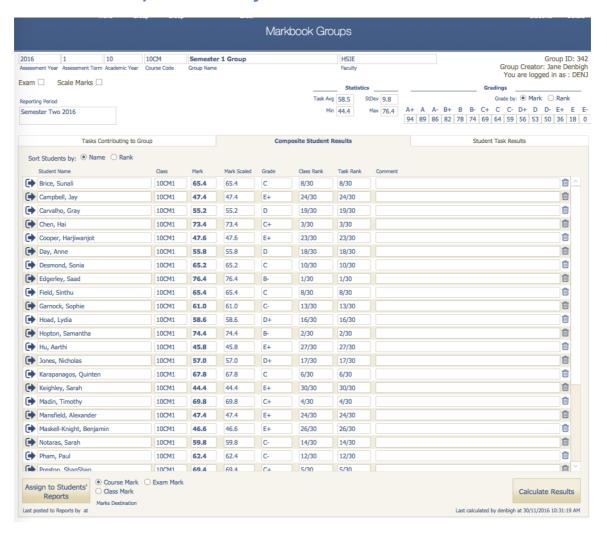
Markbook Groups - Student Task Results



Displays the task that contribute to the course. Note in this example Henry Davies did not have a mark for the Preliminary Assessment mark (Mark was excluded).



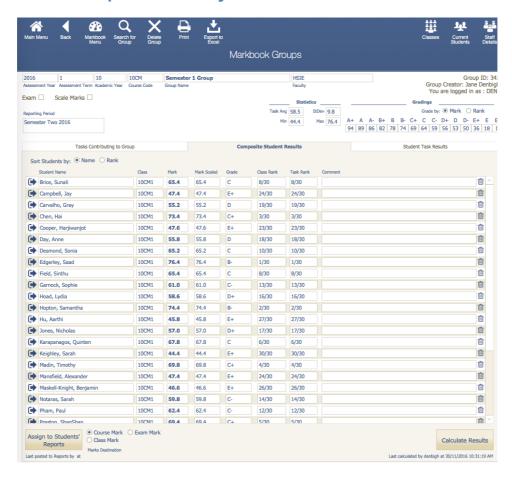
Markbook Groups - Grades by Mark



When grading by Mark, as the example shows, students that get a mark A have a Mark that is is the top 20% eg 100 to 80. Students that get a B have a mark in the next 20% eg 79 to 60. Students that get a C have a mark in the next 20% 59 to 40. Students that get a D have a mark in the next 20% eg 39 to 20 and E 29 to 0.



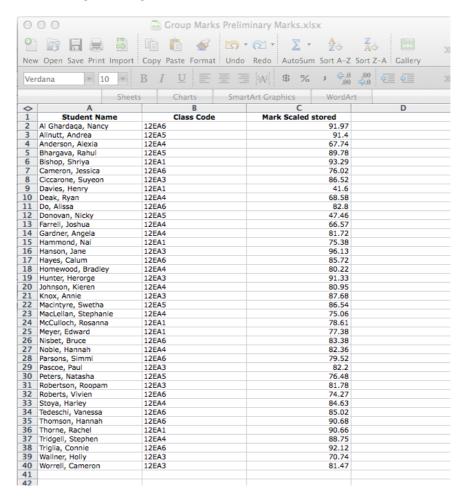
Markbook Groups - Grades by Rank



When grading by Rank, as the example shows, grades are divided by the total ranks.

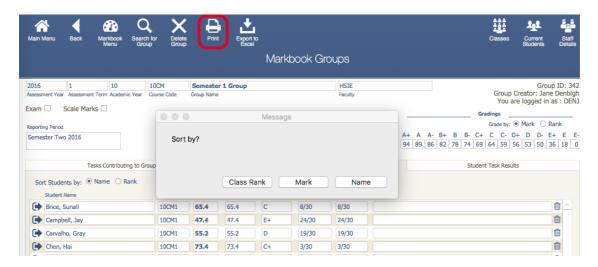


Markbook Groups - Export to excel



Excel sheet export.

Markbook Groups - Print



Choose to Print the Marks sorted by Class Rank, Course mark or Name.





Denbigh Demonstration School

MarkBook Results for Preliminary Marks

Course: 12EA

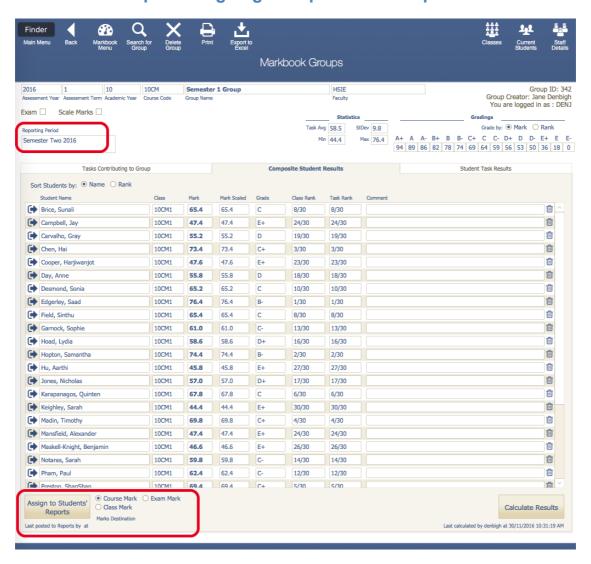
Statistics					
Avg	80.6	Min	41.6		
StDev	11.3	Max	96.1		

Class	Student Name	Mark Raw	Mark Scaled	Rank in Task	Rank in Class	Grade	
12EA1	Bishop, Shriya	93.3	93.3	2/39	1/6	Α	
12EA1	Thorne, Rachel	90.7	90.7	8/39	2/6	Α	
12EA1	McCulloch, Rosanna	78.6	78.6	27/39	3/6	В	
12EA1	Meyer, Edward	77.4	77.4	28/39	4/6	В	
12EA1	Hammond, Nai	75.4	75.4	31/39	5/6	В	
12EA1	Davies, Henry	41.6	41.6	39/39	6/6	C	
12EA3	Hanson, Jane	96.1	96.1	1/39	1/8	Α	
12EA3	Hunter, Herorge	91.3	91.3	6/39	2/8	Α	
12EA3	Knox, Annie	87.7	87.7	11/39	3/8	Α	
12EA3	Ciccarone, Suyeon	86.5	86.5	13/39	4/8	Α	
12EA3	Pascoe, Paul	82.2	82.2	20/39	5/8	Α	
12EA3	Robertson, Roopam	81.8	81.8	21/39	6/8	Α	
12EA3	Worrell, Cameron	81.5	81.5	23/39	7/8	Α	
12EA3	Wallner, Holly	70.7	70.7	34/39	8/8	В	
12EA4	Tridgell, Stephen	88.8	88.8	10/39	1/10	Α	
12EA4	Stoya, Harley	84.6	84.6	16/39	2/10	Α	
12EA4	Noble, Hannah	82.4	82.4	19/39	3/10	Α	
12EA4	Gardner, Angela	81.7	81.7	22/39	4/10	Α	
12EA4	Johnson, Kieren	81.0	81.0	24/39	5/10	Α	
12EA4	Homewood, Bradley	80.2	80.2	25/39	6/10	Α	
12EA4	MacLellan, Stephanie	75.1	75.1	32/39	7/10	В	
12EA4	Deak, Ryan	68.6	68.6	35/39	8/10	В	
12EA4	Anderson, Alexia	67.7	67.7	36/39	9/10	В	
12EA4	Farrell, Joshua	66.6	66.6	37/39	10/10	В	
12EA5	Allnutt, Andrea	91.4	91.4	5/39	1/5	Α	
12EA5	Bhargava, Rahul	89.8	89.8	9/39	2/5	Α	
12EA5	Macintyre, Swetha	86.5	86.5	12/39	3/5	Α	
12EA5	Peters, Natasha	76.5	76.5	29/39	4/5	В	
12EA5	Donovan, Nicky	47.5	47.5	38/39	5/5	С	
12EA6	Triglia, Connie	92.1	92.1	3/39	1/10	Α	
12EA6	Al Ghardaga, Nancy	92.0	92.0	4/39	2/10	Α	
12EA6	Thomson, Hannah	90.7	90.7	7/39	3/10	Α	
12EA6	Hayes, Calum	85.7	85.7	14/39	4/10	A	
12EA6	Tedeschi, Vanessa	85.0	85.0	15/39	5/10	Α	
12EA6	Nisbet, Bruce	83.4	83.4	17/39	6/10	A	
12EA6	Do, Alissa	82.8	82.8	18/39	7/10	A	
12EA6	Parsons, Simmi	79.5	79.5	26/39	8/10	В	
Number of s						_	as at 3/07/2012

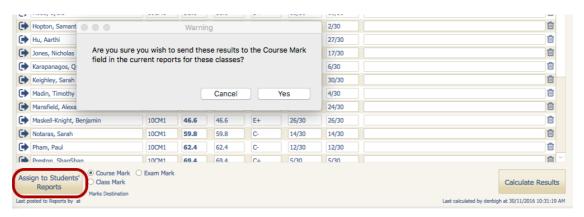
Markbook Group - Sorted by Class Rank.



Markbook Groups - Assigning Group Marks to Reports

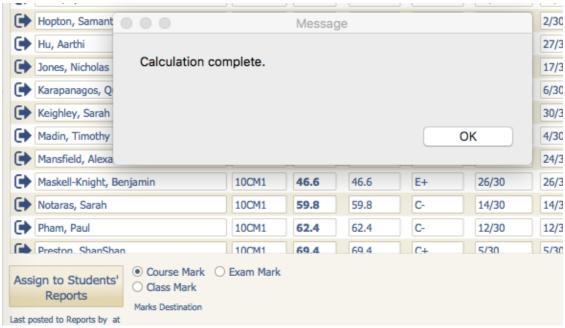


When there is a reporting period, Click to course the marks to assign and Click to assign marks to reports.

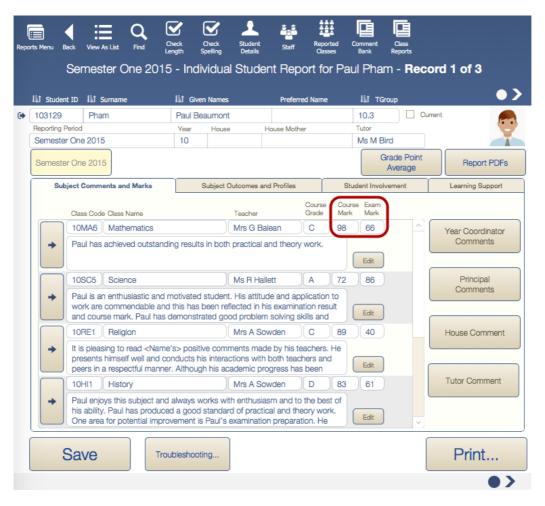


Click yes to confirm.





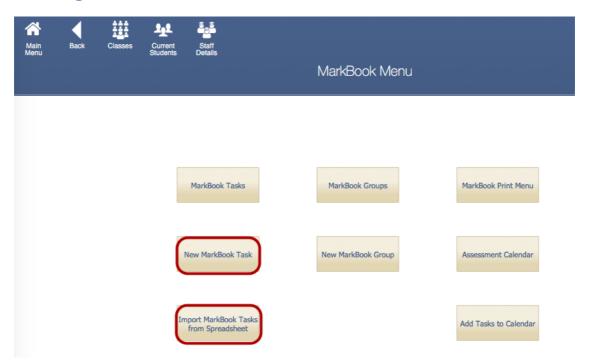
Marks are recalculated before being assigned to reports. After which a pop-up box will appear saying that the "Calculation Complete" click "OK" to continue.



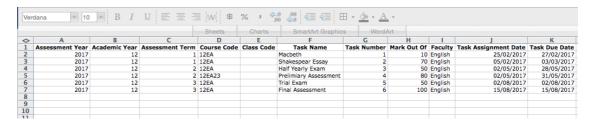
Marks assigned to report.



Creating Tasks from Markbook menu



There are multiple ways to create Markbook Tasks. The preferred method is from Spreadsheets, but they can be created manually or through the classes file.



The preferred way to create new tasks is the use the Import Markbook Tasks from Spreadsheet function. The spreadsheet must be in the format as shown above. (Excel template can be supplied) Fields Required (* mandatory)-Assessment Year*, Academic year*, Assessment Term, Course Code*, Class code, Task Name* (once created can not be changed), Task Number* (can only be changed via a button {script}), Mark Out of* (can only be changed via a button {script}), Faculty*, Task Assignment date* and Due Date*.

Creating Tasks from Spreadsheet

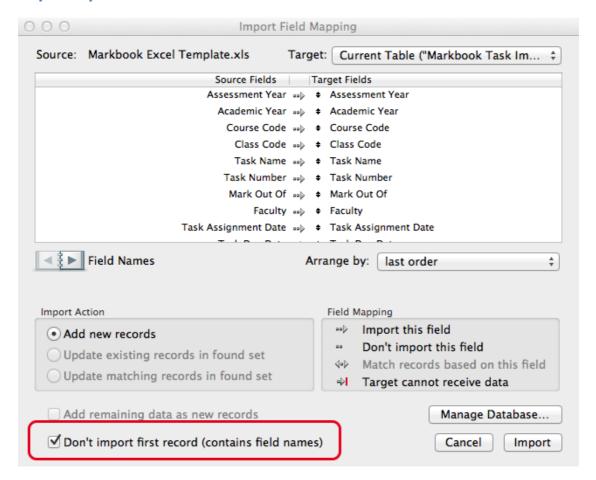


From the Markbook menu, click "Import Markbook Tasks from Spreadsheet" and Follow the steps above.



- 1 Click to Import Spreadsheet
- 2 Run the Validation Checks Checks for incorrect data
- 3 Creates the Task from the Imported Tasks
- 4 Delete this data from this Markbook Task Import Assistant.

Import Spreadsheet



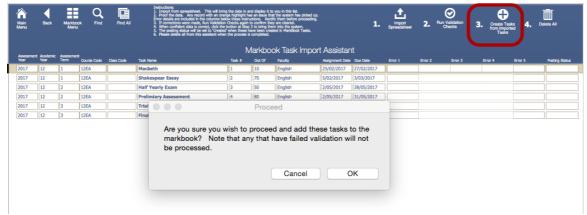
Step 1 - Importing the Spreadsheet. Check the box "Don't import first records" this will ensure the field names are not imported. Choose to "perform auto-enter option while importing. Click "Import".

Import Spreadsheet - Validation Check

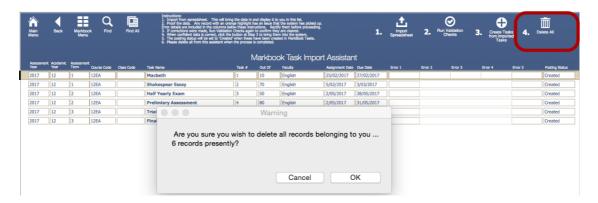


Step 2- Data will be validated as it is imported, correct the data click to Validate Checks again to make sure that it is all correct.

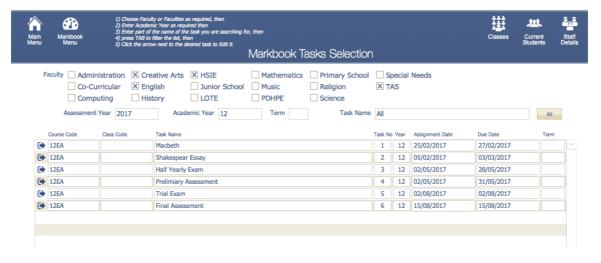




Step 3 - Create tasks from Imported Tasks, Click "Ok"



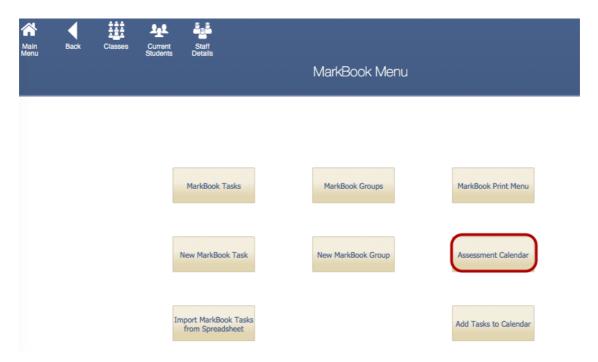
Once the tasks have been created, click step 4 to delete the spreadsheet, ready for next task to be entered. Click "Ok" to Delete the data in the Import Assistant.



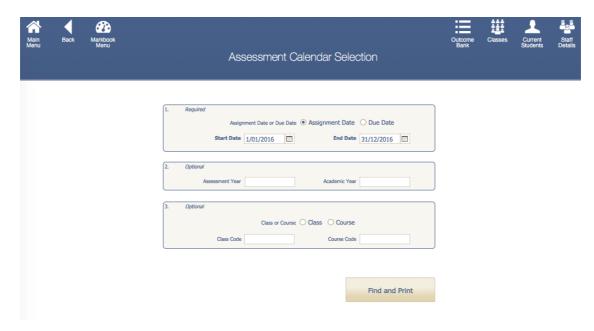
Markbook tasks created.



Assessment Calendar



Create an Assessment Calendar for Students.







Denbigh Demonstration School

Assessment Calendar by <u>Assignment Date</u> Sun, 1 Jan 2012 - Mon, 31 Dec 2012

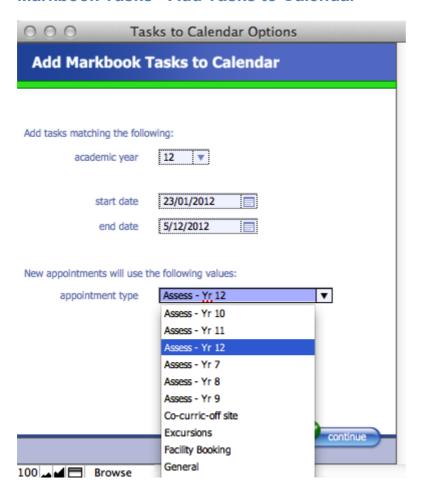
Year Course Code Class Co	ode Task Name				
Tuesday, 28 February 2012					
Year 12 12AH	Ancient History Essay				
Year 12 12EA	Shakespear Essay				
Wednesday, 2 May 2012					
Year 12 12AH	AH Task 1				
Year 12 12AH	Task 2				
Year 12 12AH	Year 12 12AH Half yearly exam				
Year 12 12EA	Half Yearly Exam				
Year 12 12EA	Prelimiary Assessment				
Thursday, 2 August 2012					
Year 12 12EA	Trial Exam				
Wednesday, 15 August 2012					
Year 12 12EA	Final Assessment				

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Assessment Calendar for Year 12, 2012.



Markbook Tasks - Add Tasks to Calendar



Choose the Academic Year, start and end dates and the Appointment type, eg Assessments for Year 12. The Appointment type must have been created in the Calendar previously.





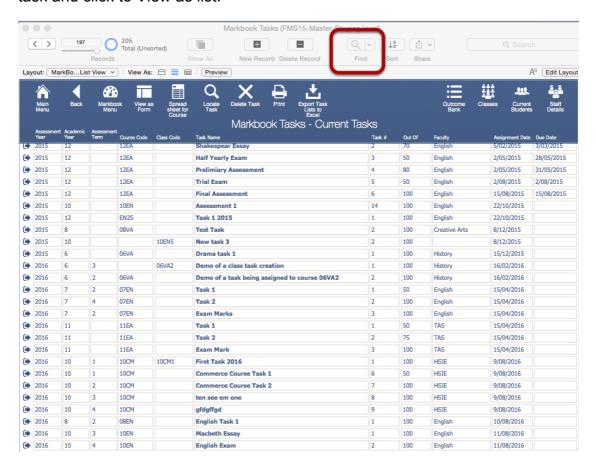
Markbook Tasks in the Calendar.

Export Tasks to Excel - (End of year or beginning of year function)





This will create the template require for importing tasks for the year. Go into a task and click to View as list.

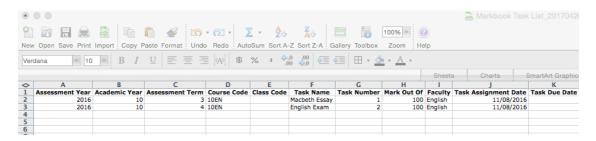


Click Find, enter the Assessment Year, Academic Year and the Course code.



Click to Export to Excel. It will prompt with the name of the .xlsx file and the location.

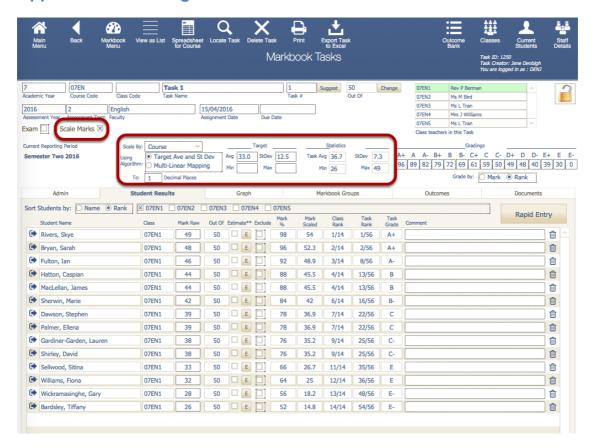
Export of Tasks for a Course



This export can then be used to import tasks for the following year. Change the Assessment Year, Assignment and Tasks Dates as required.



Appendix A - Scaling Marks



Enter a target minimum and maximum, the software then looks at what the raw mark minimum and maximum are, and scales the student's mark by the appropriate factor.

For example, if you have raw marks with minimum of 25 and maximum of 40, and you want to scale them to a minimum of 50 and a maximum of 80, then the appropriate scale factor would be two.

Results are calculated as follows:

scale Factor = (targetmax - targetmin) / (rawmax - rawmin)
markScaled = targetmin + (ScaleFactor x rawMark)

This is a direct linear scaling available in the current master.

The "multilinear mapping" (currently available on request) because in a couple of cases it's implemented with multiple bands like this (this is an *example* only, it is set up to have any number of bands with any range for each band).

Raw mark min	Raw maximum	mark	Target minimum	Target maximum
0	20		50	60
21	30		61	70
31	40		71	90
41	50		91	100

