

Welcome to the Teacher Centre!

The Teacher Centre enables Maths programs to be tailored to individual student needs, allowing for straightforward and effective differentiation.

Students' progress in each section of Mathletics is recorded. This data provides extremely useful diagnostic feedback.



Classes, Sign in Cards and Courses

1A Main Menu

1B Class Roll

1C Courses



Mathletics Reports

2A Weekly Summary

2B Report Generator

2C Live Mathletics Report

2D Live Mathletics



Results Manager

3A Results

3B Setting Focus Activities

3C Exporting Data



Teacher Toolkit



Mathletics Instant Workbooks

The Teacher Centre makes programming, assessment and reporting in Maths a breeze!

Sign in to Mathletics using your Teacher Centre Sign In details to start.

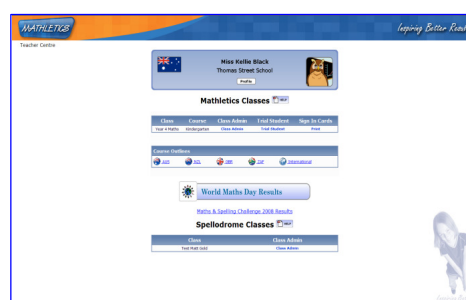
TEACHER CENTRE GUIDE



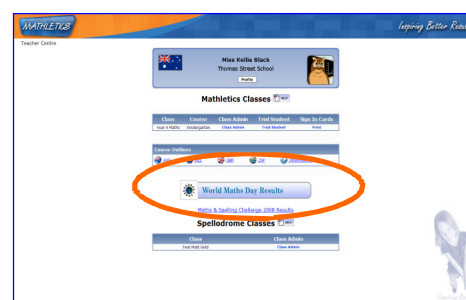
Classes, Sign in Cards and Courses

1A Main Menu

- Signing in to your Teacher Centre you will see all your Mathletics classes listed.



- You can see results from any competitions that your class has participated in, print off a copy of each classes sign in cards and sign into Mathletics as a trial student to test out the course you set.



- Click on 'Class Admin' to see the main menu of functions for that class.



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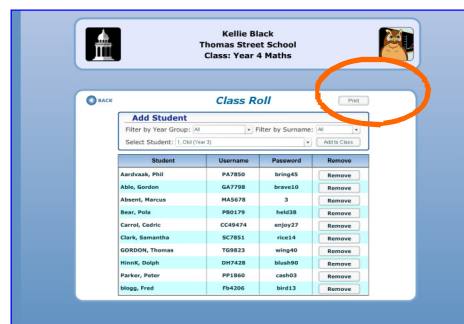


1B Class Roll

- Click on 'Class Roll' to see all students in the class.



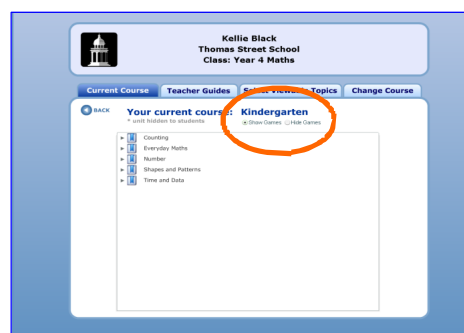
You can print off the class sign in cards here.



1C Courses

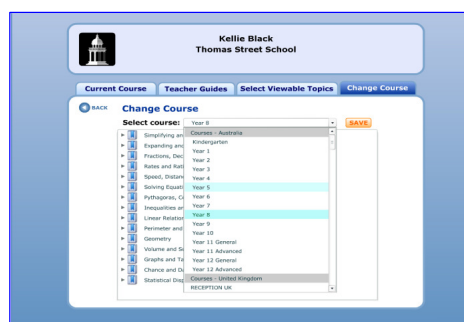
- You can see or set the class' courses, and the topics that the class can see.

You can also restrict access to the learning games for your class using the radio buttons.



- To change the course click on the last tab and use the drop down menu to select the course you wish to use.

Click 'Save' to set the course.



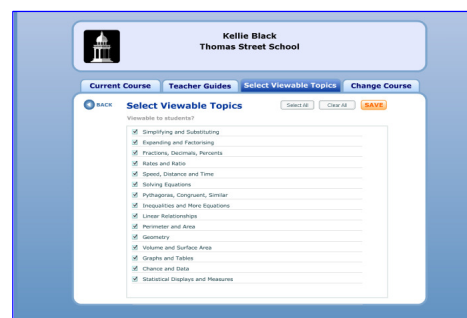
TEACHER CENTRE GUIDE



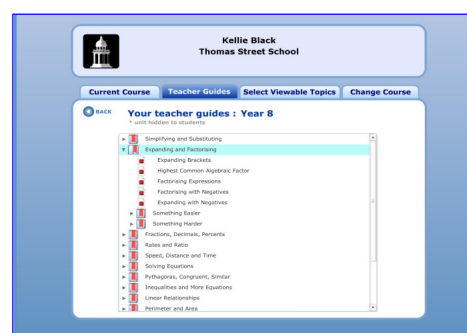
- If you don't want your students to see all the topics in the course, you can choose which ones they see on the third tab.

Untick the topics you don't want them to see.

Click 'Save' to set any changes.



- New to the Teacher Centre this year are Teaching Guides for each activity if you need ideas on how to show your class a concept or process.



Mathletics Reports

2A Weekly Summary

- The Weekly Summary is where you will find results for your class.



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- The top line of icons will show you your class' achievements by Certificates and points they have earned over the weeks.

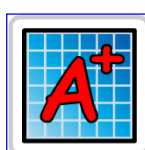
Student Name	Participation	Participation Points
Adams, Phil	0 Correct Answers	0
Adams, Gordon	0 Correct Answers	0
Adams, Billy	0 Correct Answers	0
Adams, Fred	0 Correct Answers	0
Adams, Gail	0 Correct Answers	0
Adams, Samantha	0 Correct Answers	0
Adams, Thomas	0 Correct Answers	0
Adams, David	0 Correct Answers	0
Adams, Peter	0 Correct Answers	0

- The bottom line of icons will show you your class' achievements by participation.

Student Name	Participation	Participation Points
Adams, Phil	0 Correct Answers	0
Adams, Gordon	0 Correct Answers	0
Adams, Billy	0 Correct Answers	0
Adams, Fred	0 Correct Answers	0
Adams, Gail	0 Correct Answers	0
Adams, Samantha	0 Correct Answers	0
Adams, Thomas	0 Correct Answers	0
Adams, David	0 Correct Answers	0
Adams, Peter	0 Correct Answers	0

2B Report Generator

- Individual Student Reports are available through the Report Generator.



You can see a summary of a student's strengths and weaknesses along with their achievements.

Teacher Report - Student Results - Test Results

Student: Samantha Clark
Year: Year 4
Teacher: Miss Kellie Black
Date: 04 Mar 2008

Test Results

Topic	Score	Percentage
Operations with Number	100%	100%
Decimal Power	100%	100%
Rounding and Place Value	100%	100%
Shapes and Objects	100%	100%
Time and Place	100%	100%
Conversions and Scales	100%	100%
Space and Geometry	100%	100%
Perimeter, Area and Volume	100%	100%
Algebra and Fractions	100%	100%
Chance and Data	100%	100%

Relative Strengths

- Missing El (Shapes and Patterns) 100%
- Perimeter of Shapes (Counting and Comparing) 100%
- Mode (Chance and Data) 100%
- Nearest 1000? (Number Facts) 100%

Relative Weaknesses

- Calculating Income Tax (Using Money) 23.0%
- Probability Tables (Probability) 0%
- Venn Diagrams (Probability) 0%
- Median (Chance and Data) 0%

Certificates

- 0 Gold
- 0 Silver
- 3 Bronze

MATHLETICS	Level 1	Level 2	Level 3	Level 4	Level 5
Correct Answers	1/25	1/25	1/25	1/25	1/25
Accuracy	96.0%	96.0%	96.0%	96.0%	96.0%
Question/Total	12/25	12/25	12/25	12/25	12/25

2C Live Mathletics Report

- All your students' records from Live Mathletics can also be seen for each level.



Live Mathletics Report - Level 1

First Name	Last Name	Current Answers	Accuracy %	Questions/Min	High Score
Phil	Anderson	-	-	-	-
Gordon	Abbe	-	-	-	-
Marcel	Abenit	1436	88.9%	7.5	33
Phil	Bear	-	-	-	-
Fred	Blogg	-	-	-	-
Quinn	Canal	-	-	-	-
Samantha	Clark	1168	97.7%	44.5	62
Thomas	GORDON	-	-	-	-
Dolph	Henne	69	98.6%	34.0	41
Paul	Parker	1450	95.0%	26.3	49

Set Levels in Live Mathletics

Setting each student's minimum level blocks them from playing at lower levels.

- Click on the 'Set Levels in Live Mathletics' button to if you want to choose what levels your students can access.

Live Mathletics Report - Level 1

First Name	Last Name	Current Answers	Accuracy %	Questions/Min	High Score
Phil	Anderson	-	-	-	-
Gordon	Abbe	-	-	-	-
Marcel	Abenit	1436	88.9%	7.5	33
Phil	Bear	-	-	-	-
Fred	Blogg	-	-	-	-
Quinn	Canal	-	-	-	-
Samantha	Clark	1168	97.7%	44.5	62
Thomas	GORDON	-	-	-	-
Dolph	Henne	69	98.6%	34.0	41
Paul	Parker	1450	95.0%	26.3	49

Set Levels in Live Mathletics

Setting each student's minimum level blocks them from playing at lower levels.

- Select the minimum level for each student.
- When you are happy with the minimum levels, click 'View Live Mathletics Reports' to save changes.

The green arrow indicates when a student has reached Human Calculator status for that level, to help you decide if they need to move up a level.

Live Mathletics levels

Setting each student's minimum level blocks them from playing at lower levels.

View Instructions

Indicates Student has reached "Human Calculator" Level

First Name	Last Name	Level 1 and above	Level 2 and above	Level 3 and above	Level 4 and above	Level 5 and above
Phil	Anderson	✓	✓	✓	✓	✓
Gordon	Abbe	✓	✓	✓	✓	✓
Marcel	Abenit	✓	✓	✓	✓	✓
Phil	Bear	✓	✓	✓	✓	✓
Fred	Blogg	✓	✓	✓	✓	✓
Quinn	Canal	✓	✓	✓	✓	✓
Samantha	Clark	✓	✓	✓	✓	✓
Thomas	GORDON	✓	✓	✓	✓	✓
Dolph	Henne	✓	✓	✓	✓	✓
Paul	Parker	✓	✓	✓	✓	✓

View Live Mathletics Reports

- When your students log into Mathletics and play Live Mathletics, they will be locked out of any level below the minimum level you selected.



2D Live Mathletics

→ You can play Live Mathletics as a teacher!

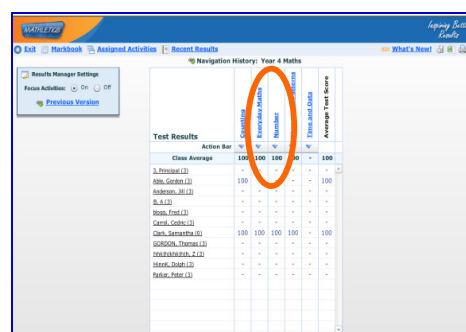


Results Manager

3A Results

→ Navigate through Results Manager by course topics. You can jump between levels using the navigation history at the top of the Markbook.

The first page you see is the results for all the topic tests in the course. You cannot set tasks on this page.

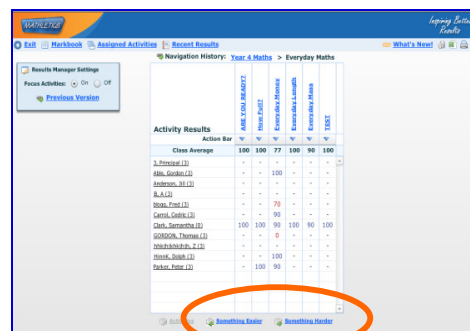
Test Results	Class Average	100	100	100	100
1. Fractions (1)	-	-	-	-	-
2. Fractions (2)	100	-	-	-	-
3. Fractions (3)	-	-	-	-	-
4. Fractions (4)	-	-	-	-	-
5. Fractions (5)	-	-	-	-	-
6. Fractions (6)	-	-	-	-	-
7. Fractions (7)	-	-	-	-	-
8. Fractions (8)	-	-	-	-	-
9. Fractions (9)	-	-	-	-	-
10. Fractions (10)	-	-	-	-	-
11. Fractions (11)	-	-	-	-	-
12. Fractions (12)	-	-	-	-	-
13. Fractions (13)	-	-	-	-	-
14. Fractions (14)	-	-	-	-	-
15. Fractions (15)	-	-	-	-	-
16. Fractions (16)	-	-	-	-	-
17. Fractions (17)	-	-	-	-	-
18. Fractions (18)	-	-	-	-	-
19. Fractions (19)	-	-	-	-	-
20. Fractions (20)	-	-	-	-	-

You can drill down to each activity by clicking the topic.

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- Use the links at the bottom of the Markbook to see activities in the **Something Easier** or **Something Harder** for that topic.



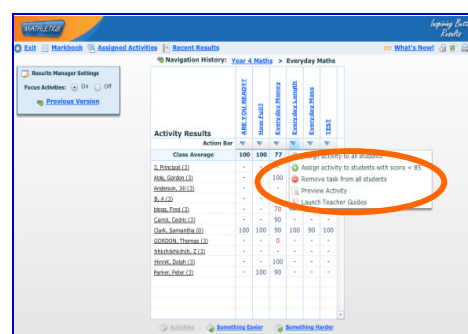
- In each activity, you can see who in your class has achieved **mastery**, and who needs **remediation** or **extension**.

You can use these results to guide your choice of Focus Activities for each student.

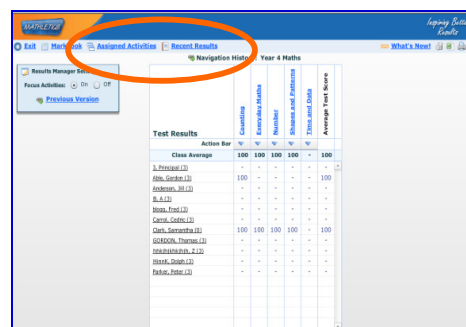
Not Attempted	< 50	50 to 84	85 +
Finlayson, Molly	Hughes, Harry	20 Fuller, Frank	80 Test, Tammy
	Anbuter, Brett	35 Taylor, Richard	75 Franchetta, Francelli
	Frank, Francis	18 George, Grace	80 Kon, Imogen
	Knog, Rosemary	42 Nicholson, Neil	60
		Smith, William	70
		Smith, Peter	70
		Yates, Joshua	65

- There are a number of actions available for each activity.

These can be found by clicking the arrow under the activity name.

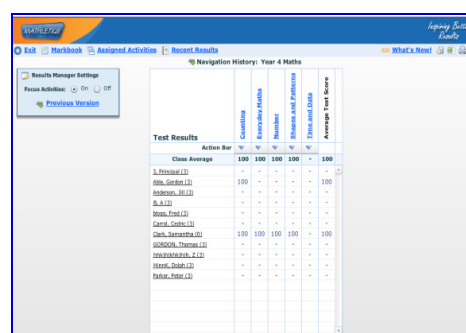


- Options for viewing set focus activities for the class can be found along the top of the screen.



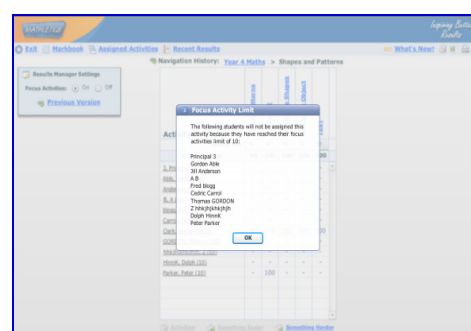
3B Setting Focus Activities

- Results Manager allows teachers to provide structure by setting Focus Activities for students to complete before accessing other parts of the program.



- You can set a maximum of 10 Focus Activities for an individual student.

If a student has reached their maximum, Results Manager will alert you if you try to set any additional activities.

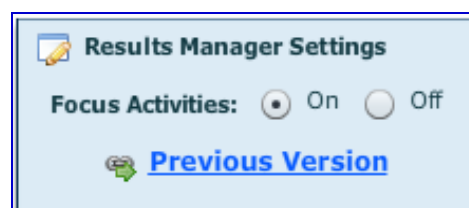


TEACHER CENTRE GUIDE

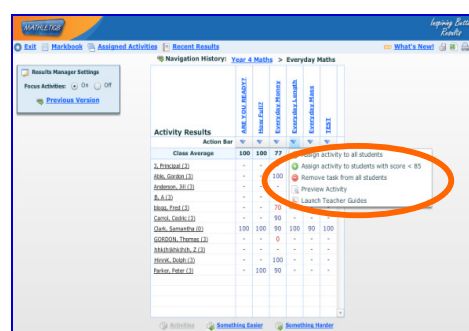


- You can turn Results Manager on and off using the radio buttons in the top corner.

This means that unless Results Manager is turned on, students will have access to Mathletics as normal.

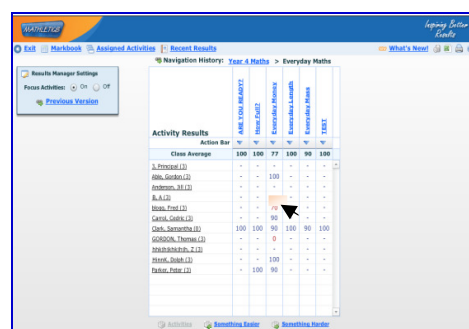


- Select 'Preview Activity' or 'Launch Teacher Guides' from the drop down actions list to preview the activity or view the teaching guide for that activity.

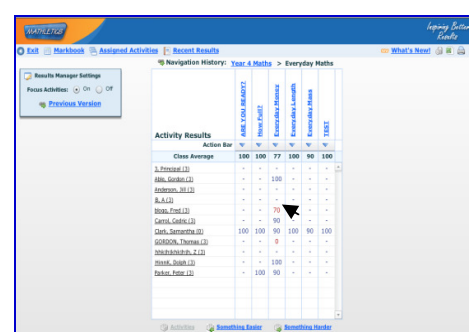


- Setting Focus Activities is as easy as a click of your mouse!

On the Markbook, click the activity mark box next to the student's name.



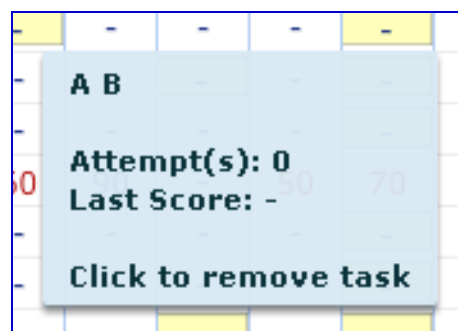
- To cancel a selected activity, click on the mark box again.



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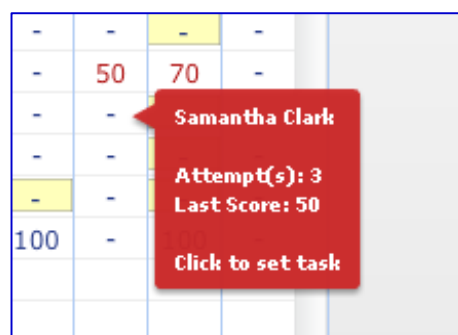


- Hovering over the mark box will show you the student's most recent score for that activity and how many attempts they have made to achieve mastery.

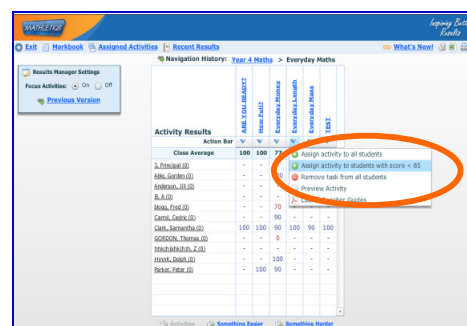


- If a student has made 3 or more attempts to achieve mastery of an activity, the information box will appear in red to flag that they may need remediation.

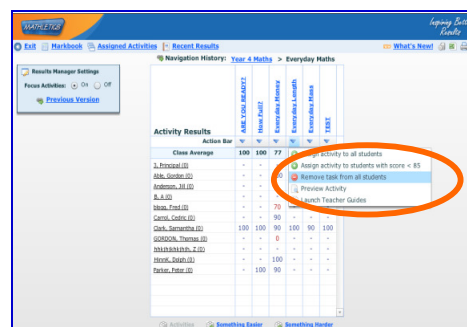
If a student has attempted an activity but has not achieved mastery, their mark will appear in red.



- Set an activity for all students, or just those who have not achieved mastery, by selecting the action from the drop down menu at the top.



- To cancel a selected activity for all students in the class, select 'Remove task from all students' from the action drop down menu.

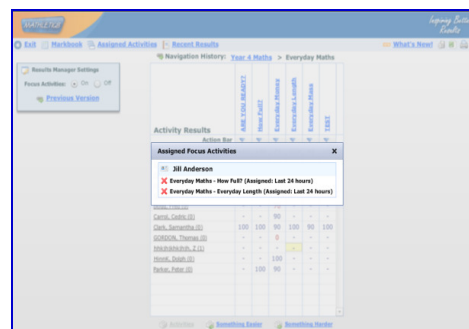


TEACHER CENTRE GUIDE

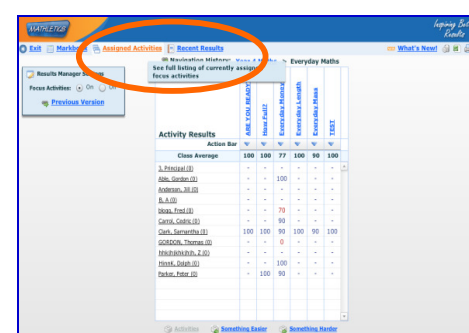


- To see all Focus Activities set for a student, click their name on the markbook.

Click 'x' to cancel your selection of that activity for that student.

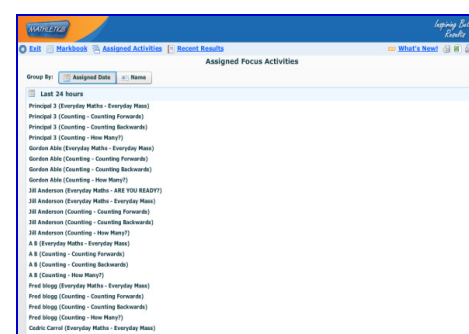


- To see all Focus Activities set for all students, click 'Assigned Activities' from the Options menu.



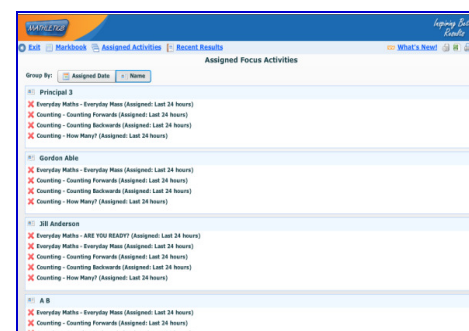
- You can view the most recently assigned Focus Activities for the last 10 days by clicking on 'Assigned Date'.

Click on the 'x' at the top of that day's list to cancel all Focus Activities assigned on that day for all students.

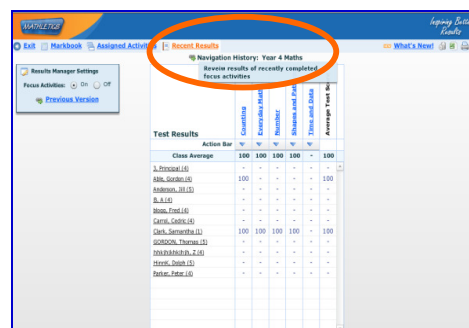


- To view most recently assigned Focus Activities for the last 10 days by Student, click on 'Name'.

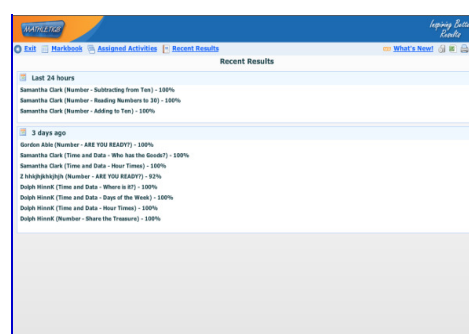
Click 'x' to cancel your selection of that activity for that student.



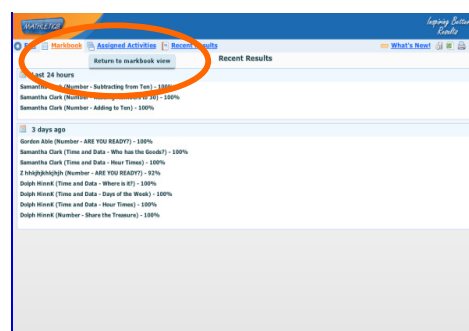
- To view most recently completed Focus Activities, select 'Recent Results'.



- Activities that were set as Focus Activities will appear with the student's mark. You can view activities completed up to 10 days earlier.

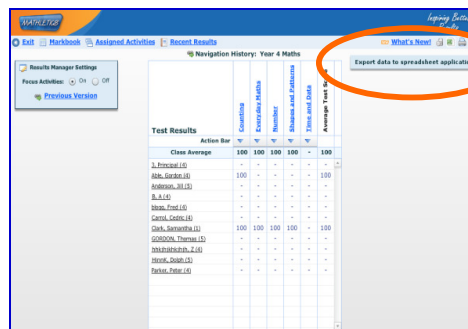


- You can return to the Markbook at any time by clicking 'Markbook' in the top left corner.

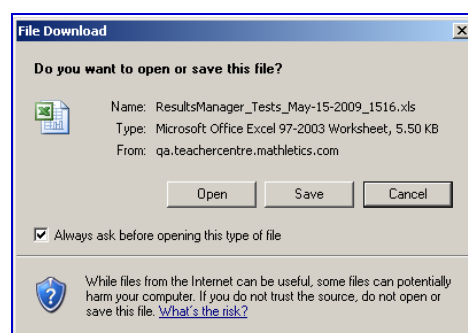


3C Exporting Data

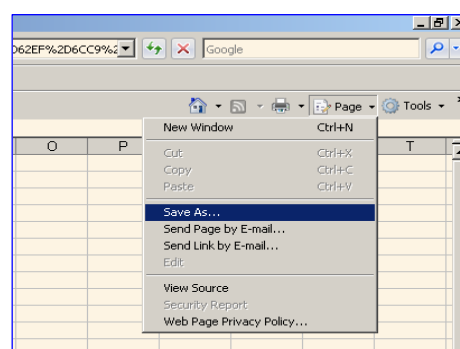
- 'Export' will create a CSV file from Results Manager so you can use the results in your own reporting tools.



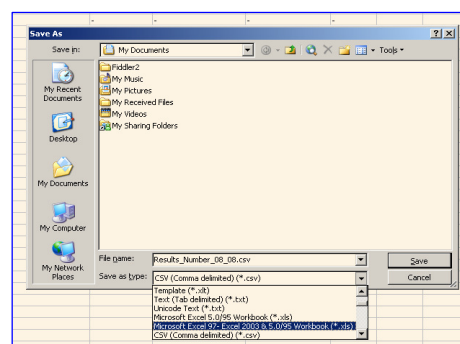
- Click on 'Open' to see data in a spreadsheet.



- Click on 'Page' and select 'Save As'.



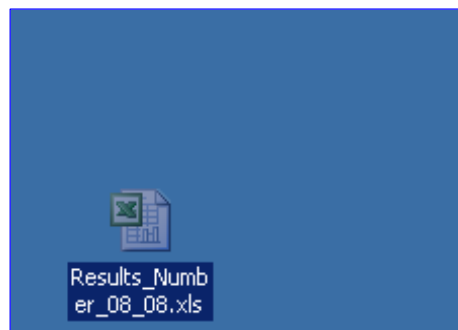
- Name the file and use the drop down menu to select the format you wish to save in.



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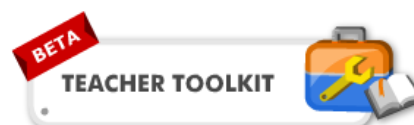


- The file will then be saved for your reference in the future.



Teacher Toolkit

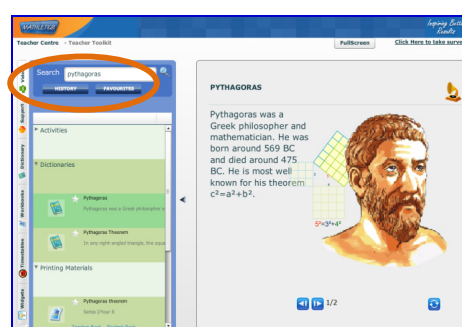
- Teacher Toolkit gives you access to teaching resources that you can use to enhance your student's understanding of concepts and reach that light bulb moment!



- You can use the search function at the top to search by key words to show any items that may be helpful.

By clicking the star next to the items you want to use, you can create your favorites list that will appear when you click on the star button.

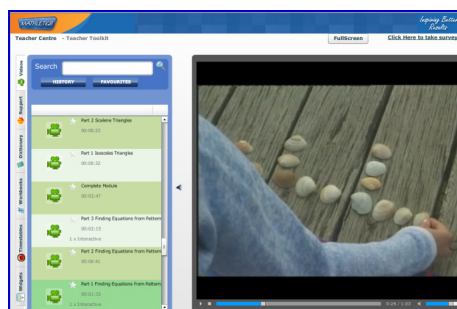
Flick between all listed resources using the tabs to the left of screen.



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- Content is updated regularly, including Real-World Interactive Video Explanations, Workbooks, Support explanations and animated dictionary items.



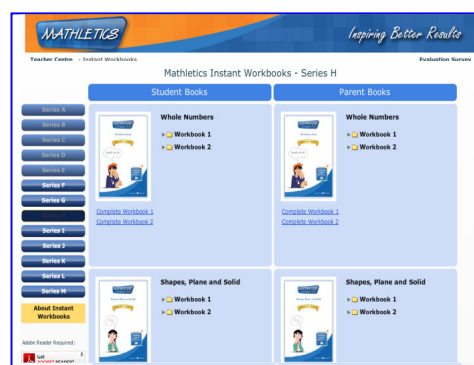
Mathletics Instant Workbooks

- For further exploration into concepts, Mathletics Instant Workbooks can help drill down into a topic.



- Series A through to M are added to as they become available, catering for all levels of investigation.

Series equate to school year levels.



- You can print off just one page, or a whole book to support your student's online Mathletics content.

Looking at whole numbers - read and write numbers to 999 999

We read and write numbers in the order that we say them.

Thousands	Hundreds	Tens	Units
6	7	1	5

six thousand seven hundred and fifteen

1 Express the following in numerals:

- a four thousand three hundred and sixty-two _____
- b three hundred and twenty-four _____
- c eight thousand nine hundred and three _____
- d four thousand eight hundred and forty-one _____
- e seven hundred and three _____
- f five thousand four hundred and two _____

2 Write the following in words:

- a 5 816 _____
- b 915 _____
- c 8 486 _____
- d 254 _____
- e 7 615 _____
- f 2 596 _____

3 Match the numerals with the words:

4 639	six thousand seven hundred and ninety
2 709	one thousand and three
8 341	four thousand six hundred and thirty-nine
1 003	two thousand seven hundred and nine
6 790	eight thousand three hundred and forty-one

PW67
Reading and Understanding Whole Numbers
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1