

Welcome to Mathletics



Mathletics

- What is Mathletics?
- How does Girton Glebe use Mathletics?
- How can you use it at home?



What is Mathletics?

- Internet based learning tool to support maths development.

<http://uk.mathletics.com/home/primary>



How does Girton Glebe use Mathletics?

- To support the learning in class
- To extend the learning in class
- Consolidation and recap



How does Girton Glebe use Mathletics?

- Supporting and extending learning in class.
 - Set work based on units covering at the moment.
 - Mathletics units support the National Curriculum.

Number of activities assigned		12	9	9	6	11	15	30	8	18	31	19	26	9	29	16	4	30	15
▼ N - Multiply and Divide Written		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Short Multiplication	○																		
Contracted Multiplication	○																		
Grid Methods 2	○																		
Grid Methods 3	○																		
Multiply 2 Digits Area Model	○																		

Not assigned
 Assigned
 In progress
 Past due date
 Results available



How does Girton Glebe use Mathletics?

- Consolidation and recap
 - Check results and reassign – look for gaps.
 - Enable 1:1 support direct from teacher/ teaching assistant.
 - Reassign and reassess.

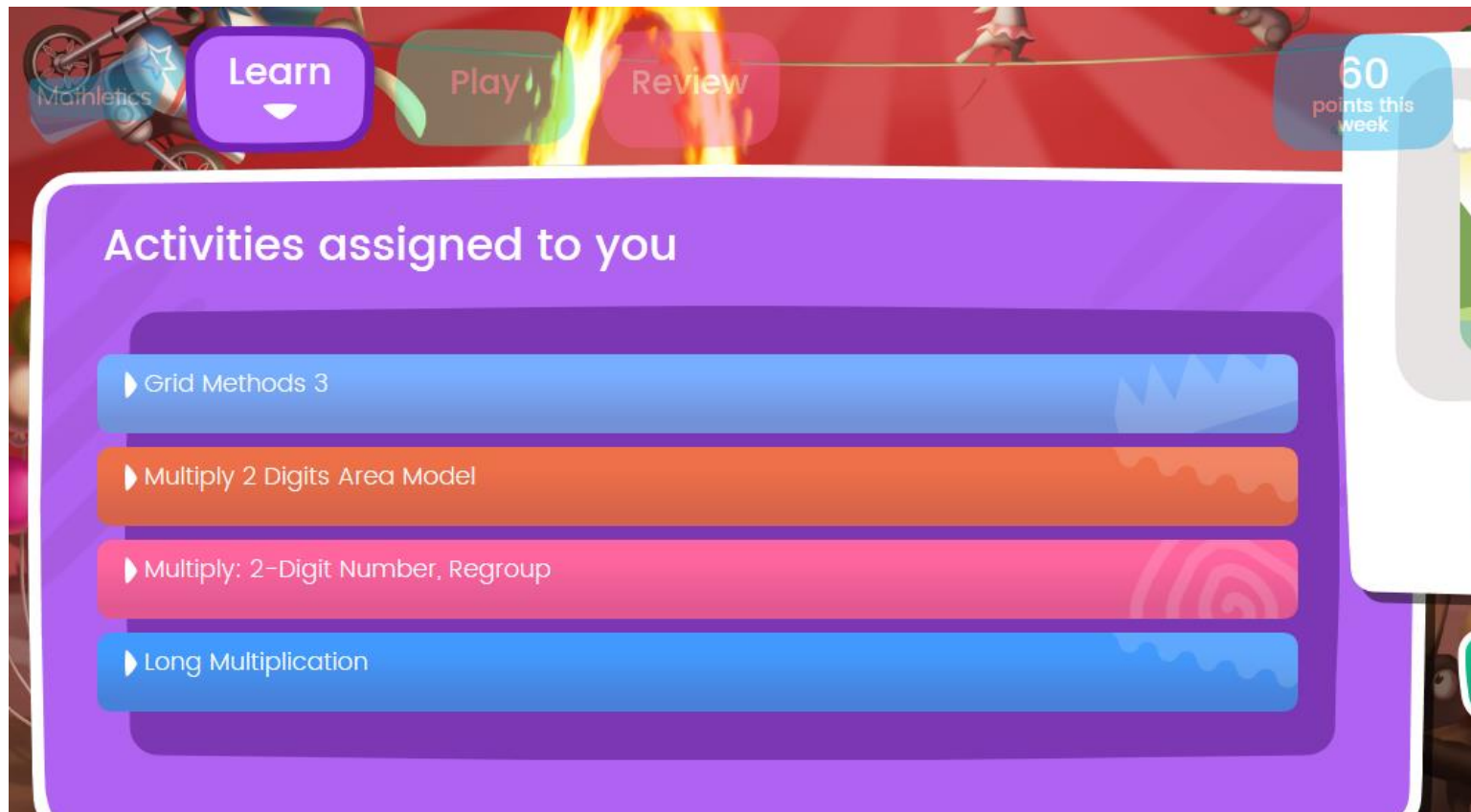
Number of activities assigned		12	9	9	6	11	15	30	8	18	31	19	26	9	29	16	4	30	15
▼ N - Number and Place Value		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integers on a Number Line	<input type="radio"/>	90%	90%	90%	70%	70%	80%		100%	90%		100%	80%	90%	80%	80%	100%	70%	80%
Place Value to Millions	<input type="radio"/>	100%	100%	100%	100%	100%	100%	100%	100%	90%	70%	100%	100%	90%	100%	90%	90%	100%	100%
Expanded Notation	<input type="radio"/>	100%	100%	100%	70%	90%	100%		100%	100%	20%	100%	100%	100%		100%	100%		90%
Partition and rename 3	<input type="radio"/>	60%	80%	90%	60%	0%	40%		70%	90%	0%	100%	80%	0%		60%	90%		60%
Rounding Numbers	<input type="radio"/>	90%	90%	90%	80%	80%	100%	90%	90%	80%		100%	100%	90%	90%	70%	100%	90%	90%
Numbers from Words to Digits 1	<input type="radio"/>	100%	100%	100%	100%	80%	100%		100%	90%	40%	90%	90%	100%	100%	90%	100%	100%	80%

How can you use it at home?

- Complete the work set. “Learn”
- Play live Mathletics
 - Change the level

How can you use it at home?

- Complete the work set. “Learn”



How can you use it at home?

- Complete the work set. “Learn”

The screenshot shows a user interface for a math learning application. At the top, there are navigation buttons for 'Mathletics', 'Learn' (highlighted in purple), 'Play' (green), and 'Review' (pink). A score indicator shows '0 points this week'. Below the navigation is a 'Topics' section with five colorful buttons: 'N - Number and Place Value' (blue), 'N - Add and Subtract Mental' (orange), 'N - Add and Subtract Written' (pink), 'N - Add and Subtract Decimals' (blue), and 'N - Multiply and Divide Facts' (green). To the right of the topics is a calculator interface. On the far right, there is a user profile card for 'Jo' from 'Girton Glebe Primary School', 'Cherry Class Group 1', with a 'Back' button, a search icon, and an edit icon. Below the profile is a 'Take the tour' button with a play icon.

How can you use it at home?

- Complete the work set. “Learn”

2 ✓

3 ✓

4 ✓

5 ✓

6

7

8

9

10

Estimate:

$$986 + 673 \approx$$

2,000


1,700 ✓

2,200

1,900

Hint:
Round each number
to the nearest
hundred.

Next



How can you use it at home?

- “Play” – Live Mathletics

Live Mathletics

1 2 3 4 5 6 7 8 9 10 Results

unicef

World Challenge
Online 6335

School Challenge
Online 0

GO

Computer Challenge
High Score 0

Class Challenge
Online 0

Level: 4 Online: 0

$8 \times \square = 72$

39

Player	Score
Jo P Girton Glebe Primary School Score: 1	1
Piotr N British Junior Academy of Brussels Score: 8	8
Bob S Hempland Primary School Score: 6	6
William Alexander F Bavarian International School e.V. City Campus Score: 6	6

What if they get a question wrong?

- Video tutorial to show how to complete the questions they got wrong.
- Redo the same set of questions.

What if they get a question wrong?

- Video tutorial to show how to complete the questions they got wrong.
- Redo the same set of questions.

The screenshot shows a math problem interface. On the left is a vertical sidebar with question numbers 2 through 10. Questions 2-6 have green checkmarks, question 7 has a red X, and questions 8-10 are blank. The main area displays the problem: "Estimate: 254 + 844 ≈". Below this are four answer buttons: 700, 1,100, 1,400, and 1,600. The 1,400 button is green and has a red X to its left. The 1,100 button is orange and has a green arrow pointing to it from the right. A hint box at the bottom center says "Hint: Round each number to the nearest hundred." An information icon (i) is in the top right, and a "Next" button is in the bottom right.

2 ✓

3 ✓

4 ✓

5 ✓

6 ✓

7 ✗

8

9

10

Estimate:

$$254 + 844 \approx$$

700 1,100 ←

✗ 1,400 1,600

Hint:
Round each number
to the nearest
hundred.

Next

What if they get a question wrong?

- Video tutorial to show how to complete the questions they got wrong.
- Redo the same set of questions.

2	✓
3	✓
4	✓
5	✓
6	✓
7	✗
8	✓
9	✓
10	✓

Well done!

9 out of 10

You're doing really well.

Why not [check this out](#) and then try the activity again?

Try again

What if they get a question wrong?

- Video tutorial to show how to complete the questions they got wrong.
- Redo the same set of questions.

7 of 10 N - Add and Subtract Mental - Estimate Sums

Estimate:

$$254 + 844 \approx 1,100$$

round up round down

$$300 \quad 800$$

Round each to the nearest hundred before adding.