



# Teachers' User Guide

# Welcome

## Big Maths at Home

Big Maths at Home is designed to allow learners working at primary school level to practise their maths skills, and work through some of our assessments and practice questions. Online assessments are not reliable for younger children, often resulting in misleading results due to many factors, including IT literacy and dexterity. **Therefore, we do not recommend a Big Maths at Home account for learners working below Year 2 (or Primary 3 in Scotland).**

In Big Maths at Home, unless you have assigned them to a challenge in Big Maths Online before importing your pupils, they begin by completing a **Baseline Assessment**; moving up through challenge levels until they begin to get questions wrong... at which point they are put into 'practice mode'.

Teachers, parents and pupils can see the skills which need to be practised, access advice notes, and download sets of practice questions (pupils normally complete questions online). Once they get full marks on a set of practice questions, the practice shortcut is changed to a tick. When all sets of practice questions have been completed successfully, pupils switch to 'Challenge Mode' to continue their journey. Teachers can disable practice for questions, to focus attention on skills that have been taught.

As in Big Maths Online, the design of the challenge screens is deliberately simple, with a simple 'reward model' allowing children to progress along a journey of planets. Teachers told us that they want the focus to be on the questions, the reward to be getting the answers correct, rather than points or currency to buy or customise a character. This fits our overarching principle for Big Maths, **keep it simple!** Also... results in Big Maths at Home **do not** affect a child's progress in Big Maths Online.

## Get your priorities right...

We are doing all we can to help children become fully numerate... but **we need support at home** to ensure children develop a love of maths. Priorities for home learning are:

- Help children to practise their '**Learn Its**' for a few minutes every day.
- Insist that numbers are written the correct way round.
- Congratulate children if their **CLIC** or '**Learn Its**' score goes up!
- Make maths a **positive** experience and not something to worry about or be afraid of!

### By the way...

Parents can register for **Big Maths At Home** independently of school to support their children. This allows them to conduct a simple **Baseline Assessment** before using the challenges and resources to address learning gaps.

There is no charge for a parent account without any associated child accounts. Child accounts cost:

1 child - £5

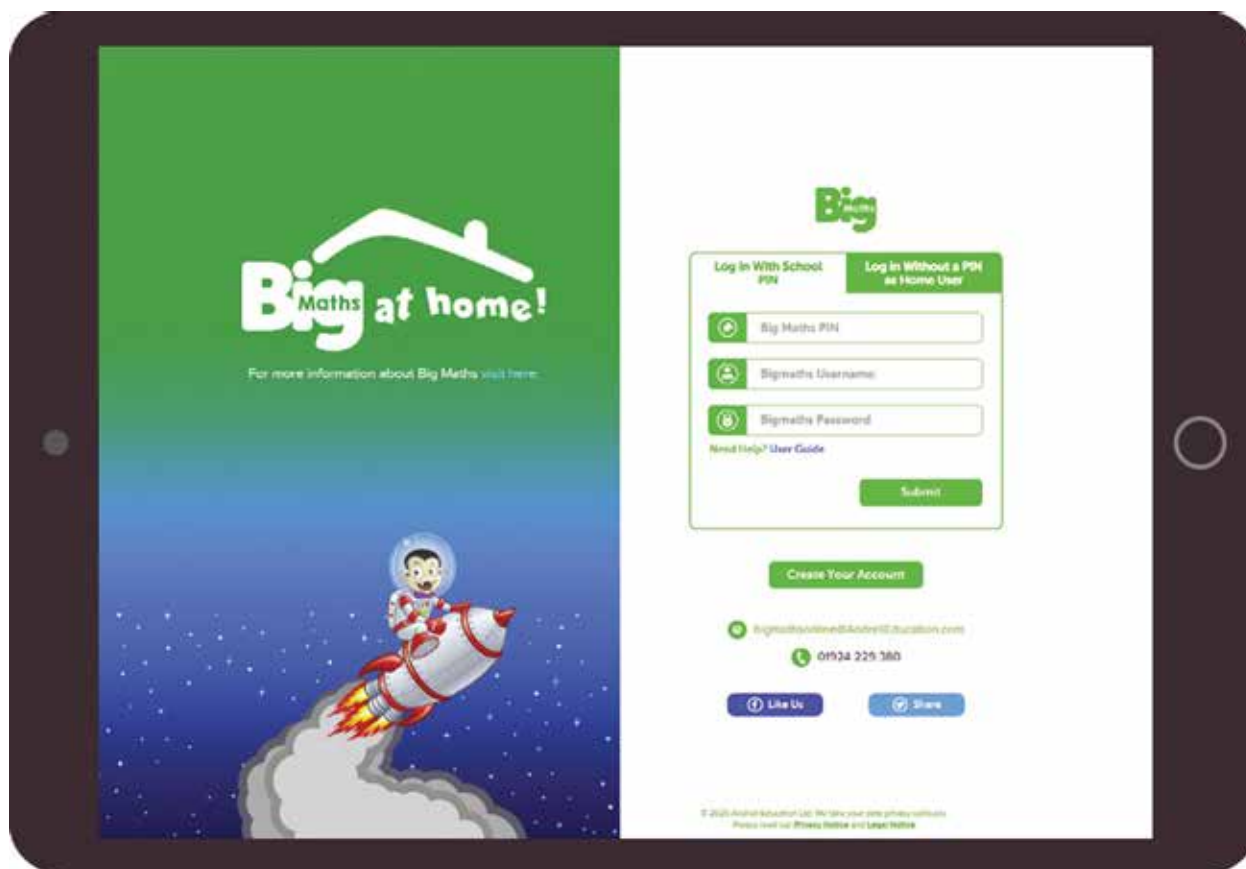
2 or more children - £3 per child (so for 3 children, they would be billed £9 each month)

**There is no contract, so they are not tied in for longer than they wish to be.**

# The Log In Screen

When you visit the Big Maths at Home website ([Home.BigMaths.com](https://Home.BigMaths.com)) you will be taken to the **Log In** screen.

By default, you will see the login options for School Accounts. Anyone with a BMO account can simply enter their School Pin, Username and Password from BMO (Big Maths Online) to log in.



If you can't remember your password please reset your password in BMO. Teachers must reset pupil passwords in BMO.

You can find our email address and phone number at the bottom of the screen if you need to contact the Big Maths team! Our Facebook and X (Twitter) accounts are also linked here if you would like to follow us!

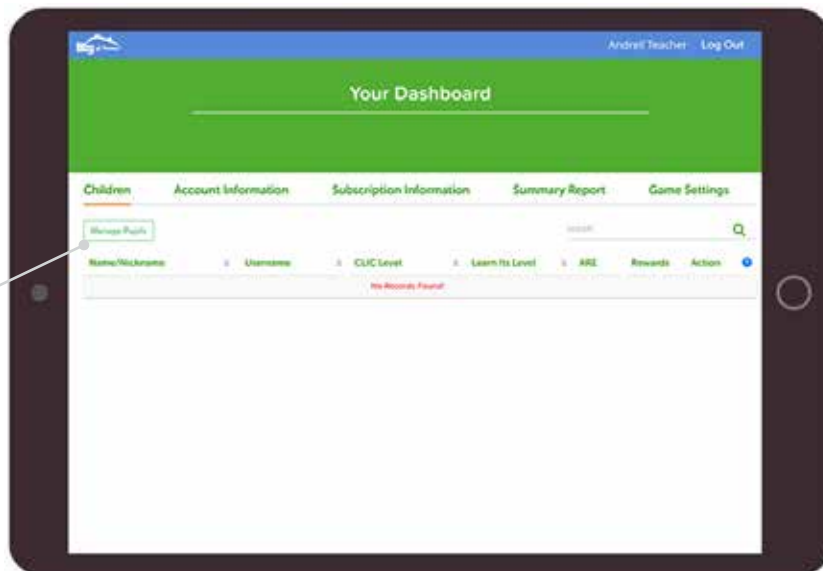
## Just to be clear...

Access to Big Maths at Home ([Home.BigMaths.com](https://Home.BigMaths.com)) is **free** for schools with a current subscription to Big Maths Online!

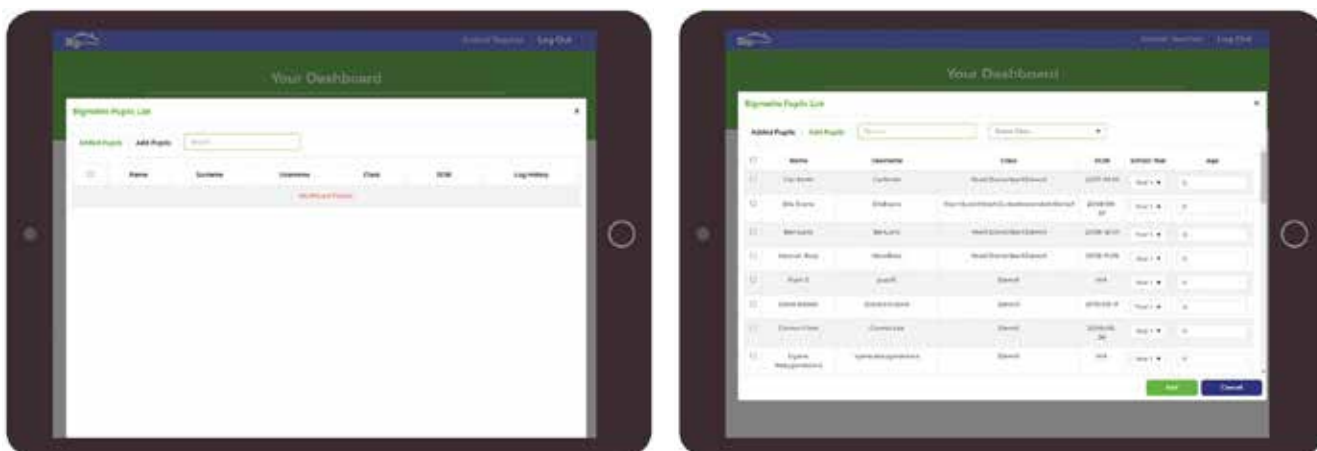
# Adding Pupils

Your Teacher Dashboard allows you to access all of the information relating to your account and the activity of your pupils in Big Maths at Home.

When you log in for the first time, you won't see any pupils listed on your Dashboard, you must add them some pupils from Big Maths Online. First, click on the **Manage Pupils** button.



The Bigmaths Pupils List pop-up will open with the focus set to the **Added Pupils** tab... You will see the message '**No Records Found**' until you have added pupils on the **Add Pupils** tab.



You can add pupils to Big Maths at Home by ticking the box on the left side of their name and clicking the **Add** button below the table. Of course, you can add multiple pupils at once, just select them before clicking add. You can search for pupils or filter by class using the options above the table. You do not need to update the School Year or Age unless you want to, these are options that some users have requested. The DOB is populated automatically from BMO.

## By the way...

Children will be set up on the challenge level **below** their level in Big Maths Online.

This was decided by teachers as it gives children the best chance to complete a challenge and see that they can get promoted straight away if they get all questions correct in 'Big Maths at Home'.

# The Baseline Challenge

If you haven't assigned a child to challenges in BMO, or have assigned them to **CLIC 6** or below, (**CLIC 7** in Scotland) before adding them to Big Maths at Home, when they first click on the challenge icon on their dashboard, they have to complete their **Baseline Challenge**. Children will continue to get promoted to the next challenge level until they begin to make mistakes. Once they have made mistakes on the same challenge level twice, they are placed into **Practice Mode** (see page 12).

Each time they get **full marks** they will gain a planet badge on their **Big Maths Journey** (see page 11) and be able to attempt the next challenge!



As in BMO, the design of the challenges is deliberately simple, presenting 1 question at a time. Once they have answered a question, they must click on the arrow to go to the next question on the CLIC challenge.

## Just to be clear...

On your Dashboard, you can click the '**End Baseline**' button to select a challenge level for a child.

The Baseline Challenge is designed to highlight the lowest level learning gaps so that children can practice those skills.

The system assesses against key skills in the primary maths framework, and the advice provided is intended to highlight the level of any learning gaps, not a child's overall ability.

# Your Dashboard

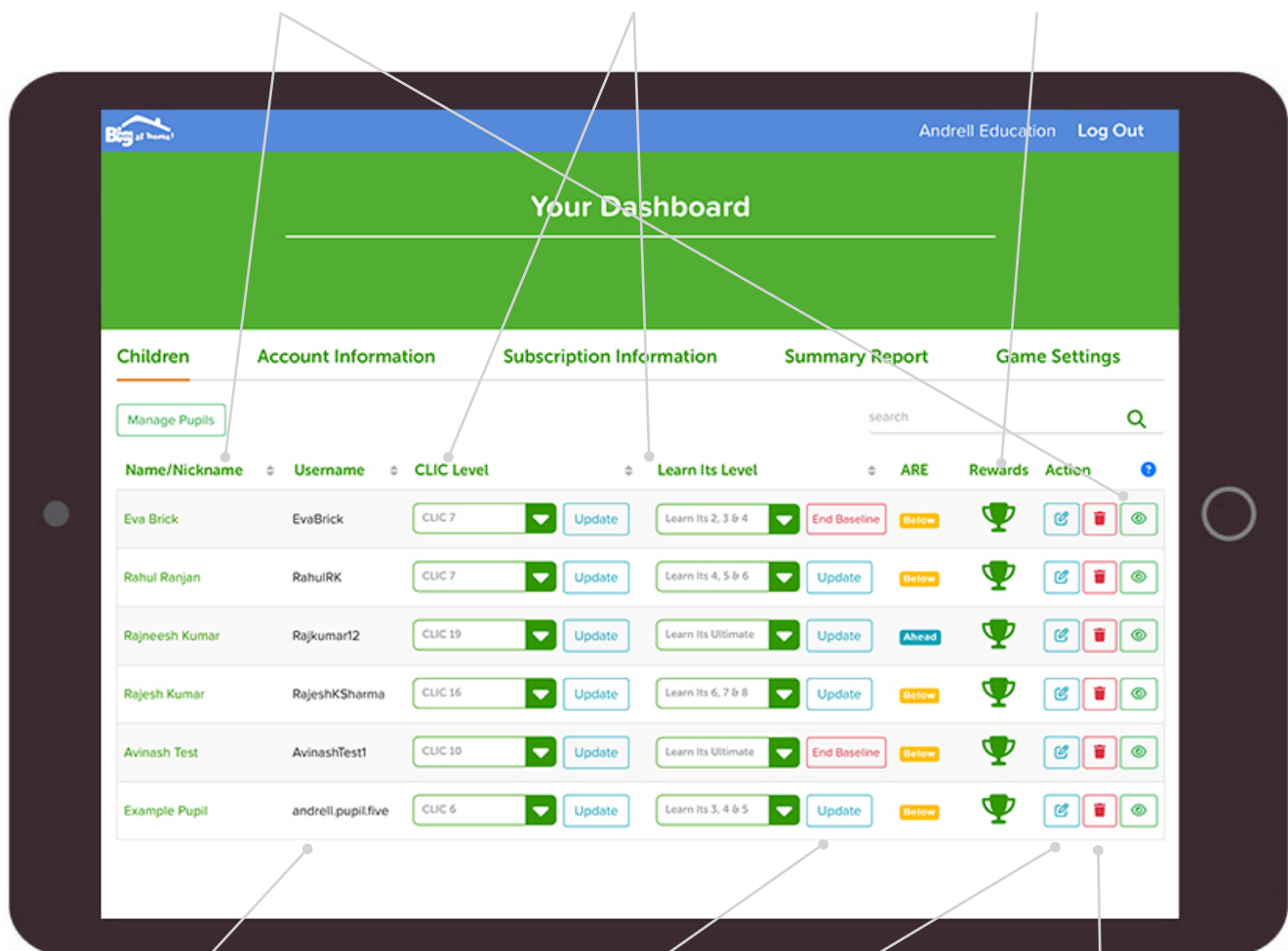
## CHILDREN

The **Children** tab on your Dashboard allows you to see a lot of detail relating to each child's activity on Big Maths at Home.

If you click on a child's name under the **Name/Nickname** heading, or the **'Eye'** button at the end of the row, you will be taken to the child's **Profile Area**. (See page 8)

You can alter the **CLIC** and **'Learn Its'** challenge levels that the child is currently on. You must click update to save changes. Clicking **'End Baseline'** will allow you to select their level.

If you click on the trophy icon you are taken to the child's **Big Maths Journey** where you can see which challenges they have conquered and the date they did it.



This is the **Username** you gave the child when setting them up.

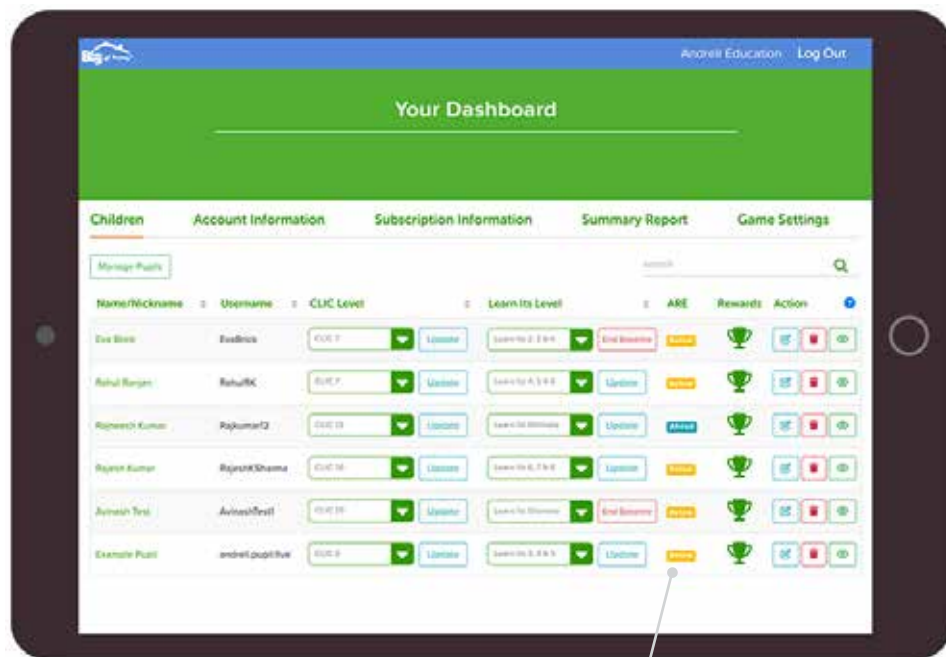
You must click **Update** to apply changes to challenge levels.

**Edit** Child details like their name and age. (See the next page for more detail.)

**Delete** the child's account from Big Maths at Home. (This will not affect BMO)



# Your **Dashboard** cont...



The **ARE** column indicates the **Age Related Expectation** level of any Learning Gaps that a child is currently working on compared to the Age that you have set for them. So if a child is working on Learning Gaps from Year 3 Term 2:

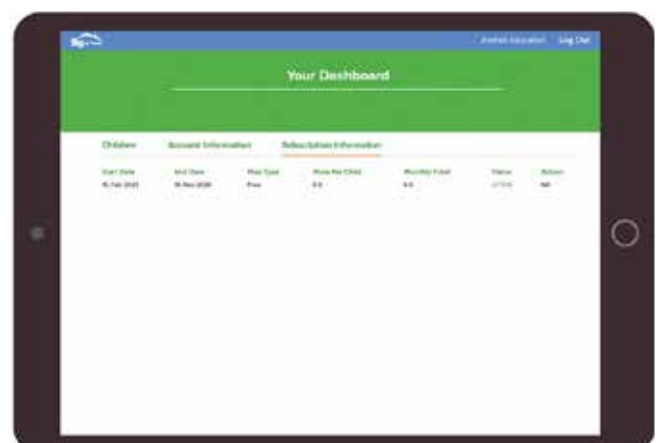
- If they would be in Year 5 based on their age, it would say **BELOW**,
- If they would be in Year 3 based on their age it would say **INLINE** and,
- If in Year 2 based on age it would say **AHEAD**.

## Account Information



View or edit your profile information and change your password.

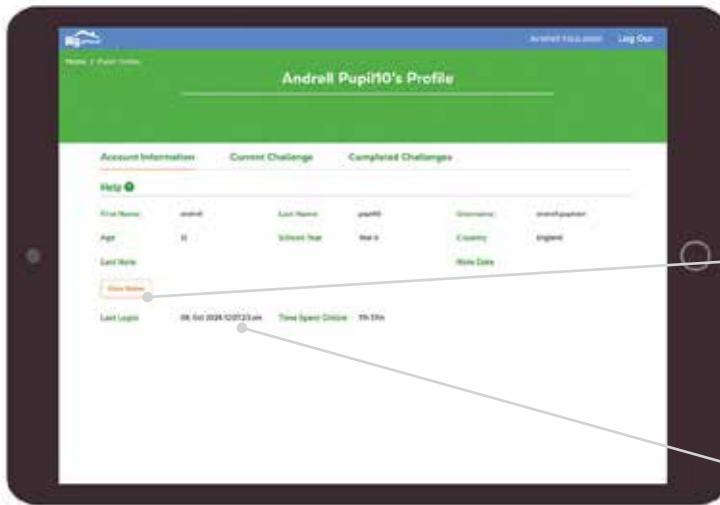
## Subscription Information



BMO schools enjoy free access Big Maths at Home, but this screen allows you to see when your access will end. This is linked to your BMO subscription.

## Child's **Profile** Area

## Account Information



The details shown here are what you transferred from BMO or have edited in Big Maths at Home.

You can add notes for the child in the 'Current Challenge' section. **View Notes** allows you to see all notes...

You can also see when they last logged in, and how long they spent online.

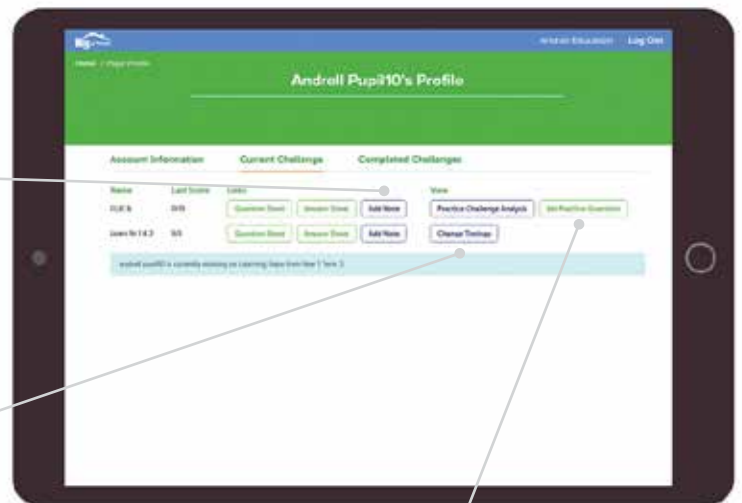
## Current Challenge

In this section, you can see how children have done in their most recent challenges.

You can **Add Notes** for each of the challenges, which the child will see on their dashboard.

You can print off **Question** and **Answer Sheets** for each of the current challenges.

You can **Change Timings** for the **'Learn Its'** challenge, (or disable the timer all together).

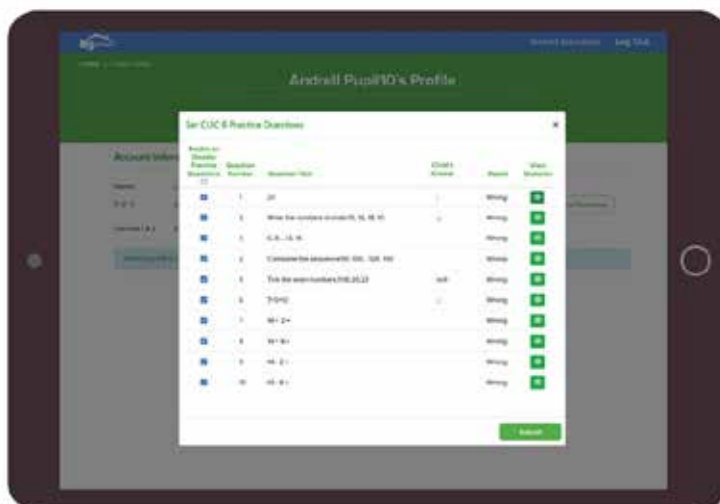


## Set Practice Questions

You can enable or disable Practice Questions to discourage parents trying to race ahead at home before you have taught the skill in school.

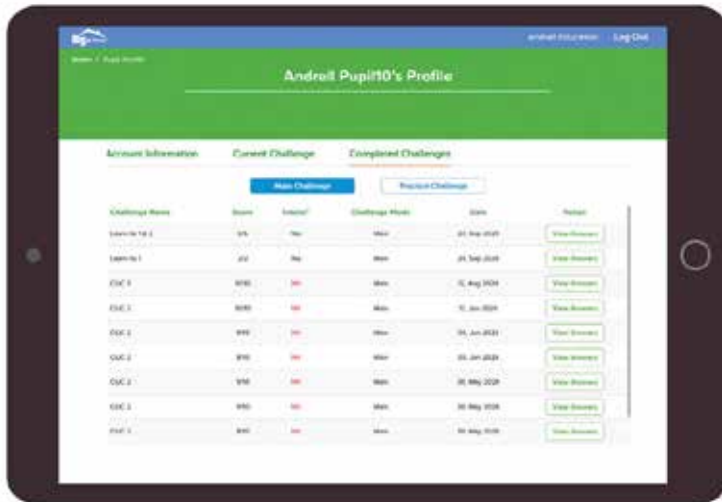
**Please note:** You must have at least one set of Practice Questions enabled.

If a child has answered all available questions from the ‘enabled’ questions they will see a message saying ***‘All Available Questions Answered! Ask For Help!’***





# Child's **Profile** Area cont...



The screenshot shows a tablet displaying a web interface for a child's profile. The title is 'Andreil Pupit10's Profile'. Below the title, there are tabs for 'Account Information', 'Current Challenge', and 'Completed Challenges'. The 'Completed Challenges' tab is active, showing a table of completed challenges. The table has columns for 'Challenge Name', 'Score', 'Status', 'Challenge Mode', 'Date', and 'Action'. There are two buttons at the top: 'Main Challenge' and 'Practice Challenge'. The table lists several challenges, including 'Maths 10 1', 'Maths 10 2', 'CSC 1', 'CSC 2', 'CSC 3', 'CSC 4', 'CSC 5', 'CSC 6', 'CSC 7', 'CSC 8', 'CSC 9', and 'CSC 10'. Each row has a 'View Answers' button.

Challenge Name	Score	Status	Challenge Mode	Date	Action
Maths 10 1	9/10	Yes	Main	24 Sep 2021	<a href="#">View Answers</a>
Maths 10 2	9/10	Yes	Main	24 Sep 2021	<a href="#">View Answers</a>
CSC 1	9/10	Yes	Main	10 Aug 2021	<a href="#">View Answers</a>
CSC 2	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 3	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 4	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 5	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 6	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 7	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 8	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 9	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>
CSC 10	9/10	Yes	Main	10 Jan 2021	<a href="#">View Answers</a>

## Completed Challenges

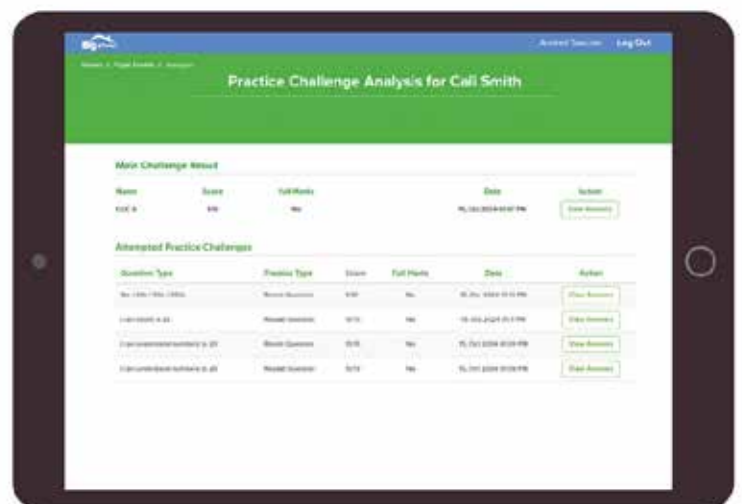
In this section you can see the results of all completed challenges. You can switch between Main Challenges and Practice Challenges and also view the answers submitted for each.

## Practice Challenge Analysis

View the each of the attempted Practice Challenges for a child.

The type of Practice Challenge is displayed, along with the date of the challenge.

You can also click **View Answers** the details of each challenge to see what answer was entered and compare that to the correct answer.



The screenshot shows a tablet displaying a web interface for a child's profile. The title is 'Practice Challenge Analysis for Cali Smith'. Below the title, there are tabs for 'Main Challenge Result' and 'Attempted Practice Challenges'. The 'Attempted Practice Challenges' tab is active, showing a table of attempted practice challenges. The table has columns for 'Question Type', 'Practice Type', 'Score', 'Full Marks', 'Date', and 'Action'. There are two buttons at the top: 'Main Challenge Result' and 'Attempted Practice Challenges'. The table lists several challenges, including 'Maths 10 1', 'Maths 10 2', 'CSC 1', 'CSC 2', 'CSC 3', 'CSC 4', 'CSC 5', 'CSC 6', 'CSC 7', 'CSC 8', 'CSC 9', and 'CSC 10'. Each row has a 'View Answers' button.

Question Type	Practice Type	Score	Full Marks	Date	Action
Maths 10 1	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
Maths 10 2	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 1	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 2	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 3	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 4	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 5	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 6	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 7	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 8	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 9	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>
CSC 10	Practice Question	9/10	Yes	10 Sep 2021 10:10:10	<a href="#">View Answers</a>

# The **Child** Dashboard

When a child logs in to Big Maths At Home, their dashboard gives them links to do their **CLIC** and **'Learn Its'** challenges. This allows them to progress through the challenge levels, moving up each time they get all of the questions correct. Once they begin to make mistakes, if they get the same questions wrong, they are put into **Practice Mode**. Children can view their previous challenge results by clicking the **'Submitted Challenges'** button.

This **Help** guide can be accessed by clicking on the 'Question Mark'

If you have created **Notes** for them, children can access the notes by clicking the 'Speech Icon'.



When a child clicks on the **Rewards** icon on their Dashboard, they are taken to the **'My Big Maths Journey'** page.

When a child clicks on the **Game** icons they can play games which target the number facts included in their current challenge level.

The **Big Maths Journey** shows which challenges they have conquered! Whenever a child gets full marks and completes a challenge they earn a planet badge. Once they have earned a planet badge, they are then moved on to the next challenge.

## **By the way...**

We will be adding more games so that children can practice their number facts and mental maths. When space becomes an issue on the Child Dashboard, we will introduce a new screen for them to access games.

# The Big Maths Journey



When a child clicks on the **Rewards** icon on their homepage, or a Parent clicks on the **Trophy Icon** in their Dashboard for a child, they are taken to the **'My Big Maths Journey'** page.

The **Big Maths Journey** shows which challenges they have conquered! Whenever a child gets full marks and completes a challenge they earn a planet badge. Once they have earned a planet badge, they are then moved on to the next challenge.



Children can switch between their **CLIC** and **'Learn Its' Big Maths Journey** to see how far they have travelled, how many badges they have earned and how many planets there are left.

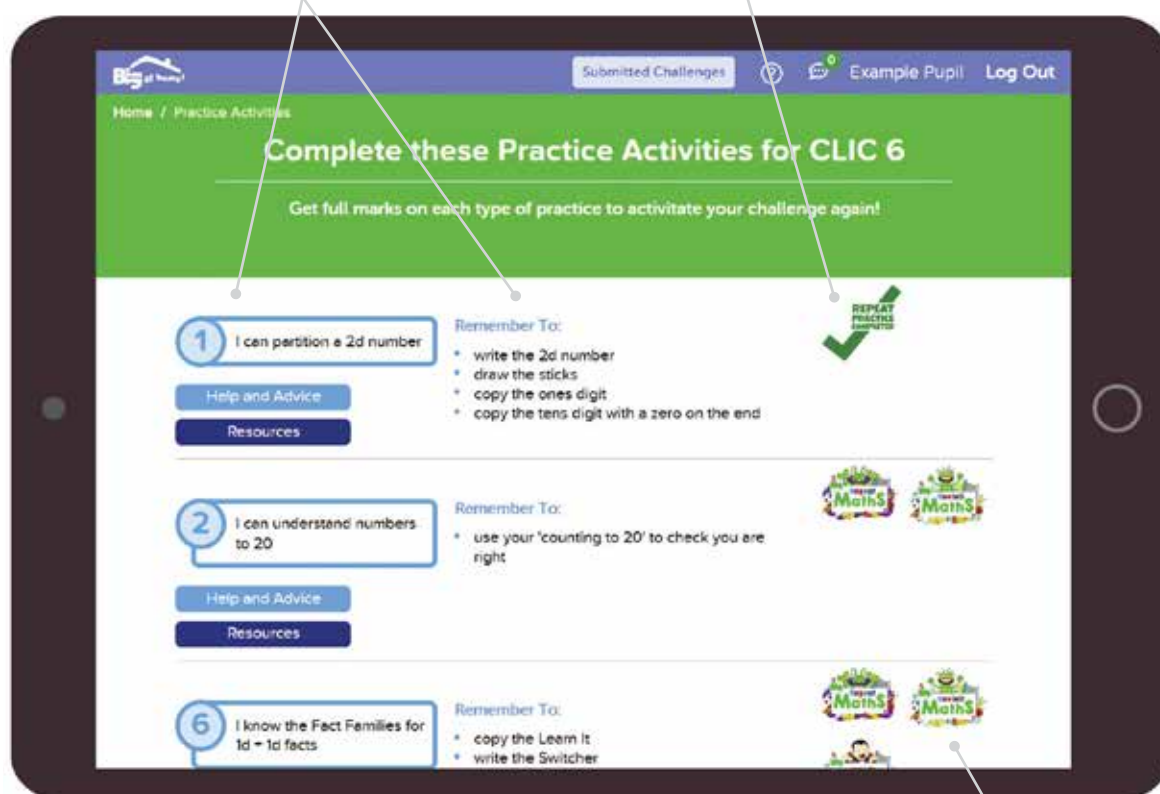
# My Practice Activities

When a child gets a question wrong 3 times on a challenge, they will be switched into **Practice Mode**. To return to Challenge Mode, they must get full marks on each set of practice questions. See the next page for a description of the different types of practice questions.



Here you will find the **Learning Objective** of the step that the child is on. You will also see the **'Remember To's'**, the success criteria for that specific step.

You will see a tick icon when a set questions in a set of Practice Activity are answered correctly. The icon will tell you which type of activity was completed (for example here it was a **Repeat Practice Activity**).



On most steps you will find **Help and Advice** notes that explain the step that the child is on. You can also view **Adobe PDF** question sheets linked to that step!

Each step will have at least one set of **Repeat Questions**. You may also see **Revisit**, **Real Life Maths** and **Select** questions on steps. See the next page for further descriptions of these questions.



# Practice Question Types



In Big Maths, we provide 'Spaced Practice Resources' to support teaching and learning. When a child is in **Practice Mode**, you may see the following types of questions:

- **Repeat:** 10 questions where the child is simply repeating (practicing) the skill
- **Revisit:** 10 questions like the Repeat Questions, but this time introducing units of measure, so children understand 'It's Nothing New'.
- **Real Life Maths:** Worded questions where children see maths in 'real life' contexts. They have to identify the correct maths question from the sentence and answer it.

Big Repeat Questions	
<b>Step 24</b> <b>Addition</b> I can add a 2d number to a 2d number	<b>Remember To:</b> <ul style="list-style-type: none"> <li>partition the numbers</li> <li>write out the 2 new questions</li> <li>add the tens</li> <li>add the ones</li> <li>add the ones answer to the tens answer</li> </ul>
1. $65 + 10 =$	2. $67 + 22 =$
3. $57 + 22 =$	4. $15 + 61 =$
5. $56 + 41 =$	6. $77 + 21 =$
7. $73 + 21 =$	8. $79 + 20 =$
9. $42 + 30 =$	10. $66 + 11 =$

Big Revisit Questions	
<b>Step 24</b> <b>Addition</b> I can add a 2d number to a 2d number	<b>Remember To:</b> <ul style="list-style-type: none"> <li>partition the numbers</li> <li>write out the 2 new questions</li> <li>add the units</li> <li>add the tens</li> <li>add the units answer to the tens answer</li> </ul>
1. $65\text{mm} + 11\text{mm} =$	2. $65\text{kg} + 22\text{kg} =$
3. $57\text{g} + 22\text{g} =$	4. $15\text{mg} + 61\text{mg} =$
5. $66\text{m} + 41\text{m} =$	6. $77\text{g} + 21\text{g} =$
7. $73\text{km} + 21\text{km} =$	8. $89\text{mm} + 20\text{mm} =$
9. $72\text{ml} + 20\text{ml} =$	10. $96\text{L} + 11\text{L} =$

Big Real Life Maths Questions	
<b>Step 24</b> <b>Addition</b> I can add a 2d number to a 2d number	<b>Remember To:</b> <ul style="list-style-type: none"> <li>partition the numbers</li> <li>write out the 2 new questions</li> <li>add the ones (units)</li> <li>add the tens</li> <li>add the ones answer to the tens answer</li> </ul>
1. Tim has 32ml of milk in a cup. He adds 43ml more. How much liquid is in the cup?	
2. Mully bought sweets for 46p and pens for 31p. How much did he spend?	
3. Speedy Cool has 13kg of apples in a bin. She adds 24kg more. What is the weight of the apples?	
4. What is 51 add 23?	
5. Pam is 62cm tall. Mully is 28cm tall. How tall are they together?	

## And finally...

Big Maths at Home is just a resource to support practice of Basic Skills in mathematics. The indications of Age Related Expectations are only to provide insight of where a child has learning gaps, not their overall ability.

We want children to enjoy maths, to develop strong fluency and mental maths skills. To do this, we must avoid frustration, apprehension and disappointment wherever possible, so always request feedback from both parents and children.

Thank you for your support and please do email us at [Support@BigMaths.com](mailto:Support@BigMaths.com)



[www.BigMaths.com](http://www.BigMaths.com)



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