

WHY USE MATHS INVESTIGATIONS?



“It helps you learn things you have never experienced before in Maths.”

“It is an excellent website and perfect for children.”



“It will help your Maths to get better and better.”

“You have your own goals to work towards which makes you try harder.”



GETTING STARTED IN MATHS INVESTIGATIONS

Everything is explained in the Help Videos.



Everyone in Maths Investigations has their own login.



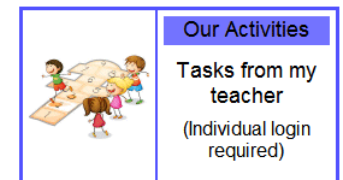
It is easy to set up the App on your tablet.



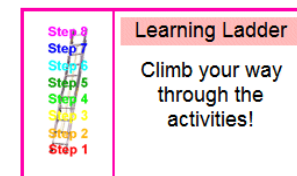
Your teacher can put activities in the Our Activities page.



You can choose an owl as your teacher!



You can choose your own activities on the Learning Ladder.





OWLS AND HOUSES



Each owl will teach you different things.

You can read all about them on the owls page.

You choose which owl you want to work with.

You can challenge yourself to do all the activities for an owl and then collect the owl.

Each time you collect an owl you can collect a house.



Bob
Bob knows all about numbers to 10. You will learn to count forwards and backwards, add 1 and 2, find out about odds and evens, and investigate the numbers that add to make 10. You will need 10 counters.

Tenny
Tenny gets her name from the teens numbers. You will practise counting in 1s and 2s, find out all about the teens numbers, and investigate the numbers that add to make 20. Tenny will also help you learn about addition triangles and making number problems. You will need 10 counters of one colour and 10 counters of another colour.

Diddle
Diddle will help you learn how to add and subtract any single digit numbers. She will make sure you know your important number facts and show you how to use them to work out other facts: near ones, near tens and near doubles. You will also learn more about adding and subtracting with odds and evens.

Milly
Milly will help you to explore the ones numbers, teach you how multiplication works, and introduce you to factors of 10 and 20. You will need counters or cubes and ten rods.

Honey
Honey will teach you all about numbers up to and past a hundred. You will learn to count past 100 and to add and subtract 10 on and from 2-digit numbers. Honey will also teach you some silly number names (like eleveny) which will help you to understand how ones work and will help you understand the ones pairs that make 100 (like 30 + 70). For these lessons, you will need a metre stick and some ten rods.

INVESTIGATIONS



Investigations help you to learn new things.

You work through them page by page.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



It is best to work with someone else and talk about your thinking as you work.

You can use counters or cubes and metre sticks to help your thinking.



At the end you can say how you got on.

JEWELS

You find jewels by digging!



Digging in your mind means thinking.



Sometimes you get a page which says TO THINK OR TALK ABOUT
or THINK, TALK & DO.

Don't skip these pages!

Take time to think and talk about the ideas.

Jewels will start magically popping up for you to collect.



QUIZZES AND STARS



Quizzes let you check what you have learned.

You need to do each quiz **all by yourself**.



At the end, remember to click Save Score.

Save Score



STAR TO GET

If you come back the next week, you can do the quiz again and get a star. ★



Collecting stars helps you remember what you learn.

If you do well on a quiz you get to be a shooting star.

Shooting Stars!

James O

Rachael N

Callum M



CHARACTERS AND MEDALS

As you do activities you get points.

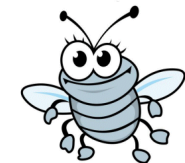
Every time you collect 100 points you can collect a character.



You can get baby characters.



You can give names to your characters.



Buzz

You can swap characters with your friends in the swap shop.

You also get medals for reaching targets with points,
investigations and stars.



TOURNAMENTS AND GOLDEN EGGS

Tournaments help you find out what you really know.

You **MUST** do each tournament **all by yourself**.



If you make mistakes in a tournament it will put red triangles on your page so you know what to practise. ▲



If you practise the activity, the red triangle will disappear.

If you get full marks on a tournament you get a mini egg. 🥚

If you get four mini eggs in a row you get a big egg.



SHARING AND FOLLOWING










If you discover an interesting pattern or you are really proud of a page you can share it with your group.



You can see what people have shared on the ‘Who is doing What?’ page.

▶ See WHO is doing WHAT in this group

You can also follow what other people in your group are doing and get good ideas for things to do yourself.

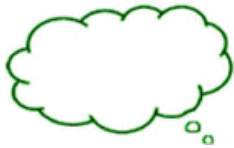
 Riley R	 Teeny	 Teen Facts 3	▶ Amazing!
 fern G	 Didgie	 Doubles, Teens and Pairs that make Ten	▶ Interesting pattern!
 Ben R	 Bod	 Counting in 10s and 100s Beyond 1000	▶ Proud of this!

LIKES, SUGGESTIONS AND VOTES

If you really like something about Maths Investigations you can share it on the 'Likes' page.



You can use the 'Suggestions' page to say how we could make Maths Investigations even better.



We put the best ideas in a vote.



If your idea gets lots of votes then we do that next!