

Maths Home Learning at Hockley Heath TGPA

Times Tables

Children will be taught how to obtain facts once a week during a 15 minute 'Number Skills' lesson at the start of the week. Children will be tested on the Fridays using the Times Table Rockstar Resources. These have 60 questions and children are given 3 minutes to complete as many as possible. Year groups 3-6 will take part in weekly times table testing from Week 2, Autumn 1. Year 2 will learn to count in the required times tables, but will not begin weekly testing until Week 1, Spring 1. Please see the table below for your child's year group focuses for the first Autumn term as an example.

Term	Week	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Focus Table	Counting in 10s and 5s	10x, 5x and 2x Tables	3, 4 and 8x tables	6x, 8x, 9x tables	2x, 3x, 4x, 5x tables
	Week 1	Back to school - 'Everyone's a Mathematician' week				
	Week 2	NA	10x multiplication facts	3x multiplication facts	6x multiplication facts	2x multiplication and division
	Week 3	NA	10x division facts	3x division facts	6x division facts	3x multiplication and division
	Week 4	NA	5x multiplication facts	4x multiplication facts	8x multiplication facts	3x multiplication and division
	Week 5	NA	5x division facts	4x division facts	8x division facts	4x multiplication and division
	Week 6	NA	2x multiplication facts	8x multiplication facts	9x multiplication facts	4x multiplication and division
	Week 7	NA	2x division facts	8x division facts	9x division facts	5x multiplication and division
	Week 8	NA	Mixed facts/ Weakest Table	Mixed facts/ Weakest Table	Mixed facts/ Weakest Table	2-5x tables multiplication and division facts

Maths Key Instant Recall Facts (KIRFs)

As a school, we recognise the importance of fluency and mental skills in mathematics and this new approach will support children at Hockley Heath in becoming more secure in their recall of the key facts for their year group, enabling them to approach more complex maths with confidence and flexibility.

What are KIRFs and why are they important?

KIRFs are the 'Key Instant Recall Facts' that children need to secure during their primary years. They include facts such as number bonds, times tables, and unit of measurement conversions. They are particularly useful when calculating, adding, subtracting, multiplying and dividing but also underpin many other areas of

mathematics. For example, in order to find equivalent fractions in Year 6, children need to be able to rapidly recall their knowledge of common multiples (numbers in particular times tables). When children have quick access to a bank of facts, which incur little cost to working memory, they have more capacity to think about more complex problems that draw on these facts. We have noticed that without regular rehearsal, these facts are forgotten so it is essential they are practised regularly and embedded in children's long-term memory so they can be recalled quickly and accurately.

How will KIRF home learning work?

Every half term, your child will be given a KIRF. In school, we will practise the designated KIRF once a week during our 'Number Skills' lessons. This lesson is 15 minutes long and your child will receive between 5-7 of these learning opportunities in school, term length depending. You will see that each KIRF home learning sheet explains what the focus is for the half term and gives examples of the key facts that need to be learnt, as well as key vocabulary and questions to ask your child and top tips for learning them. Learning KIRFs shouldn't be time-consuming. In fact, KIRFs can be practised anywhere: in the car, walking to school, at the dinner table. The most important thing is facilitating regular practice. Little and often will support your child in retaining these facts for the long term! Teachers will assess the KIRFs at the end of each term. All this termly KIRF information will be added to the Maths web page, as well as being emailed directly.

Additional Homework

Any additional homework will be set at the individual teacher's discretion. They may set a task based on Times Tables, KIRF or another area of maths to support the development of the children as a group. Some children may receive a personalised task, set at the discretion of their individual teacher. When tasks are set, children will be given a week to complete and return them for marking.

We thank you for supporting your child in developing as a confident mathematician. We strongly believe that with factual fluency, your child will become much more confident when working with number and be able to access the curriculum year-on-year with more confidence and enjoyment.

If you have any questions, please speak to your child's class teacher.

Thank you for your time,
Miss Stevens