

Friday, 12th June 2020

Dear Parents and Carers,

RE: Mental maths Championship for Years One and Two (KS1)

Mental maths is a key part of the mathematics curriculum and an integral, all-encompassing life skill. This skill is fundamental for real life situations, as it equips children with important strategies to use later in life with more complex mathematical problems, as well as within their academic journey in the future years.

I am writing to inform you that I am launching a **Mental Maths Championship for Years One and Two** starting from the 15th of June and ending on the 17th July. This is aimed to support you and your child to practise these key mental maths skills and strategies at home over the next five weeks to ensure these strategies are well embedded and rehearsed.

Here is how it is going to work...

1. At the back of this letter you will find **50 questions** your child will need to practise to answer in 5 minutes (*this needs to be strictly timed*). These questions incorporate all of your child's year group's mental maths objectives and include missing number questions for additional challenge.
2. Also at the back, you will find a '**progress chart**'. Use this chart to celebrate your child's progress on weekly basis – with the aim of getting as close to 50/50 as possible. Ensure your child only completed the 50 questions once a week to measure their progress. In between this and throughout the next month practise each individual target.
3. Encourage your child to **practise** the mental maths target they find most difficult by following the Mental Maths Guide and Mental Maths Policy (found on the school's website → Key Stage Curriculum → Mathematics).
4. Inform us via an email by the 17th July to let us know how your child got on. Please also share their progress with us over the next five weeks should you wish to do so– by emailing us at: office@park-academy.org so that these can be celebrated with the rest of the school.

Finally...

We are going to select and reward children for their participation, most improved progress and for achieving a threshold of 96% (48/50 and above).

Have a fabulous, fun time full of mathematical discovery! If you have any questions do not hesitate to contact me or your child's Class Teacher.

Best wishes,

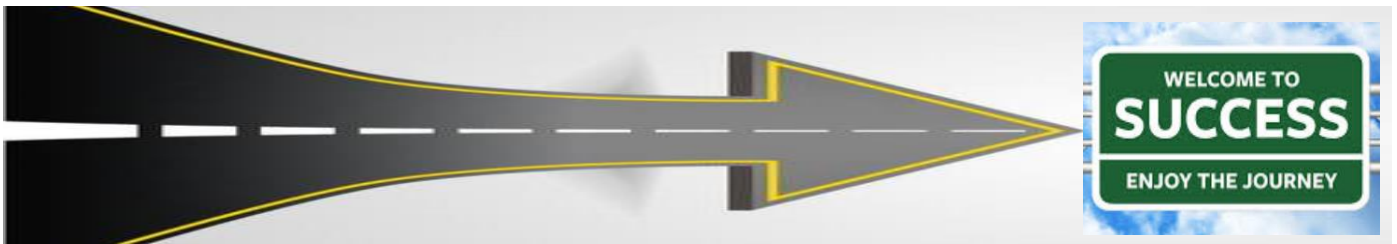
Klaudia Hilinska

Mathematics Lead

We Believe in You!

.....'s PROGRESS CHART

Baseline (15/6/2020)	End of week one	End of week two	End of week three	End of week four	End result (17/7/2020)
50	50	50	50	50	50



YEAR TWO MENTAL MATHS – 50 QUESTIONS

$6 + 4 + 3 =$ _____	Double 22 = ___	$9 + 2 + 1 =$ _____	Double 35 = ___	$9 + 9 + 1 =$ _____
$\frac{1}{2}$ of 38 = _____	$\frac{1}{2}$ of 12 = _____	$10 \times 6 =$ _____	$\frac{1}{2}$ of 14 = _____	$12 \times$ _____ = 24
$11 \times$ _____ = 110	$7 + 5 + 3 =$ _____	$\frac{1}{2}$ of 400 = _____	$1 + 9 + 5 =$ _____	$\frac{1}{2}$ of 30 = _____
$\frac{1}{2}$ of 26 = _____	Double 21 = ___	$7 \times$ _____ = 35	$12 \times 10 =$ _____	$\frac{1}{2}$ of 28 = _____
$6 + 2 + 4 =$ _____	Double 24 = ___	$12 - 1 - 2 =$ _____	Double 15 = ___	$14 - 4 - 2 =$ _____
$4 \times$ _____ = 20	$3 \times$ _____ = 6	$9 \times$ _____ = 18	Double 33 = ___	$7 \times 11 =$ _____
$16 - 1 - 6 =$ _____	Double 100 = ___	$17 - 2 - 7 =$ _____	Double 17 = ___	$19 - 3 - 6 =$ _____
Double 9 = _____	$\frac{1}{2}$ of 120 = _____	$7 \times$ _____ = 70	$9 \times$ _____ = 45	$7 \times$ _____ = 35
Double 19 = ___	$12 - 5 - 2 =$ _____	Double 24 = ___	$14 - 4 - 1 =$ _____	Double 13 = ___
$60 =$ _____ $\times 5$	$90 =$ _____ $\times 9$	$45 = 9 \times$ _____	$45 \div 9 =$ _____	$120 \div 10 =$ _____

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For your information, I have colour-coded the 50 questions to their specific mental maths objectives. This is aimed to support you in understanding which objective your child needs to further practise if they are finding these particular questions more difficult than others.

Please see attached the **breakdown** of the questions and the mental maths objective these are referring to:

MENTAL MATHS OBJECTIVES - YEAR TWO

	Double numbers up to 40 and multiples of tens and hundreds
	Halving even numbers up to 40 and multiples of tens and hundreds
	Add/ subtract three single digit numbers using the 'make ten' strategy
	Learn the multiplication facts for the following times tables: x2, x5, x10

$6 + 4 + 3 = \underline{\quad}$	Double 22 = <u> </u>	$9 + 2 + 1 = \underline{\quad}$	Double 35 = <u> </u>	$9 + 9 + 1 = \underline{\quad}$
$\frac{1}{2}$ of 38 = <u> </u>	$\frac{1}{2}$ of 12 = <u> </u>	$10 \times 6 = \underline{\quad}$	$\frac{1}{2}$ of 14 = <u> </u>	$12 \times \underline{\quad} = 24$
$11 \times \underline{\quad} = 110$	$7 + 5 + 3 = \underline{\quad}$	$\frac{1}{2}$ of 400 = <u> </u>	$1 + 9 + 5 = \underline{\quad}$	$\frac{1}{2}$ of 30 = <u> </u>
$\frac{1}{2}$ of 26 = <u> </u>	Double 21 = <u> </u>	$7 \times \underline{\quad} = 35$	$12 \times 10 = \underline{\quad}$	$\frac{1}{2}$ of 28 = <u> </u>
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