Elmore's Maths Bulletin

Welcome to the fourth edition of our wonderful world of maths at Elmore Green.

What will your child be learning?

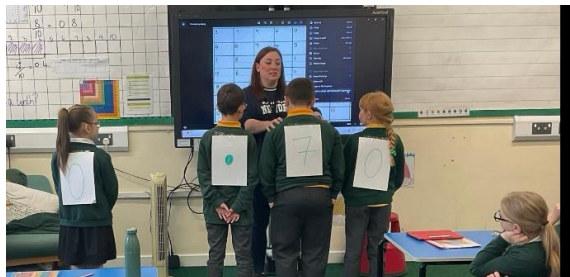| Summer- EYFS & Key Stage 1 |
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| Reception- To 20 and beyond, how many now? Manipulate compose and decompose, sharing & grouping, Visualise, build & map |
| Year 1-Multiplicaton & division, fractions, position & direction, place value, money, time |
| Year 2- Fractions, time, statistics, position & direction |

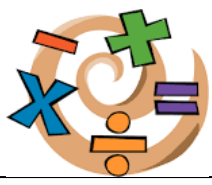| Spring- Key stage 2 |
| --- |
| Year 3- Fractions, money, time, shape, statistics |
| Year 4- Decimals, money, time, shape, statistics, position & direction. |
| Year 5- Shape, position & direction, decimals, negative numbers, converting units, volume |
| Year 6-Shape, position & direction, themed projects and problem solving |

What did maths look like at Elmore Green this term?

Helping children learn their maths skills

Here are lots of ideas for encouraging children to learn more about maths. Each list is arranged roughly in age order, starting with ideas that will work for toddlers. Most ideas are good for children under five, though some of the later ideas are best for school-age children.

Maths around the house

- Cooking. Measure ingredients and set the timer together. Talk about fractions in cooking – for example, ask how many quarter cups make a cup.
- Talk about proportions – for example, when you make a cup of tea or squash, ask your child how much milk or how much water they're using.
- Look for maths on the TV, in newspapers or magazines and talk about it together. You might find percentages in special offers, probability in weather reports, salaries in the job section, or simply the length of TV shows.
- Solve maths problems at home. For example: "we have 3 pizzas cut into quarters – if we eat 10 quarters, how many will be left?"

Maths outdoors

- Create an obstacle course outside: large boxes to climb into and through, a board to balance along, a blanket to hide behind, and so on.
- Look for numbers as you are walking along the street together. You could see how many of a particular number you can spy, such as the number 2 (on a bus, on advertising hoardings, on front doors); or look for numbers in order – first 1, then 2, then 3, and so on. With older children, see who can find the largest number.
- Give children a small bag in which to collect five interesting things, such as a conker, a leaf, a stone, a feather and a twig, then talk about them when the collection is complete.
- Play "I spy" using descriptions instead of an initial letter, for example, "I spy with my little eye something that is small and very smooth" or "long and prickly".
- Compare two shopping bags to find out which is heavier.

Maths game of the month

Number tumbler

Click and drag to select numbers that add up to a target number. Clear numbers as quickly as possible to earn points. When a clock falls to the bottom of the grid, it will give you more time. Get those numbers tumbling!

TIMES TABLES ROCK STARS

GONE GREEN

THIS IS TO CERTIFY THAT

SUCCESSFULLY
TURNED THEIR HEATMAP GREEN

ON: 24 Aug 2022

SIGNED:

Congratulations to Frew, Lewis & Sankey classes who won our termly class competition!

Key instant recall facts
Year 6 Autumn 1

I know the multiplication and division facts for all times tables up to 12 x 12

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

See separate sheet for all times tables facts.

This is a chance for Year 6 children to Consolidate their knowledge of multiplication and division facts and to increase their speed of recall.

They should be able to answer these questions in any order, including missing number questions

e.g. 6 x ☐ = 42 or ☐ ÷ 8 = 4

Children who have already mastered their times tables should apply this knowledge to answer questions including decimals
e.g. 0.7 x ☐ = 4.2 or ☐ ÷ 60 = 0.7

Top Tips - The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day.

Speed challenge – Take two packs of playing cards and remove the kings. Turn over two cards and ask your child to multiply the numbers together (Ace = 1, Jack = 11 and Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their highest score.

Online games – Activities on www.educationcity.com www.conkermaths.org www.timestables.co.uk and www.timestables.me.uk

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.

Key Vocabulary

What is 8 multiplied by 6?

What is 7 times 4?

What is 81 divided by 9?

What is the product of 5 and 7?

Well done to Oscar for getting a full green heat map on TTRS. Oscar has worked hard to turn his heat map from reds and oranges to full green. Could you be the recipient of our next certificate?

Make it! – 36 squares

- Roll two dice to find your starting numbers and write them into the boxes below.
- Take it in turns to add, subtract, multiply or divide these numbers and colour in your answer on the grid.
- Explain to your partner how you made each number.
- Who can colour in the most numbers?

Starting numbers: ☐ ☐

31	32	33	34	35	36
25	26	27	28	29	30
19	20	21	22	23	24
13	14	15	16	17	18
7	8	9	10	11	12
1	2	3	4	5	6

Challenge!

KIRFS

Don't forget to practise at home!
Each term your child will bring home a KIRF letter. These are a way of helping your child to learn by heart, key facts and information which they need to have instant recall of.

Summer maths challenge

2,4,6,8 who do we appreciate? Up Kilmovee!
Make the biggest number possible using these four numbers

Let's create our own maths problem using a photograph

Step 1- Choose a topic – pick a topic that interests you. Such as pattern, shape, measurement or number.

Step 2- Take a photo- take a photo of something that relates to your chosen topic. This could be anything from nature, the environment, objects in your house or anything that sparks your interest.

Step 3- Create a question- Think of a question that goes with the picture. This question could be related to the mathematical concept you are trying to highlight or something that requires problem-solving.

HOW MANY TRIANGLES DO YOU SEE?

Step 4- Add text- Add text to your picture to prompt the viewer to be curious about the mathematical concept or to engage with the problem. Keep it simple and easy to understand.
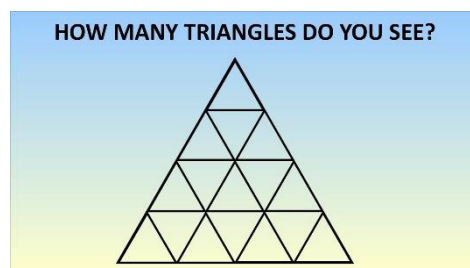
Step 5- Share it- Share your poster with friends or send to Mr Price or Mrs Frew.

Creating maths posters is a fun and engaging way to develop your mathematical skills and creativity. With a little bit of imagination and creativity, anyone can create a question that captures the beauty of real-life mathematics. So why not give it a try and see where your maths eyes take you?"

CLOSING DATE: FRIDAY 21ˢᵗ JUNE

One behind the other, count the legs following Mother

Did you know?

The addition of numbers on the opposite side of dice always equal seven.

IN A JIFFY, IS AN ACTUAL MEASUREMENT OF TIME. 1/100TH OF A SECOND IS A JIFFY.