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Dear Parents,

Maths mastery is an engaging and accessible style of mathematics teaching, inspired by Singapore and Shanghai. Our approach is designed to enhance understanding and enjoyment, as well as raise attainment for every child. This programme pulls together many established ideas and methods into one rigorous teaching approach:

- Children are encouraged to physically represent mathematical concepts. Objects and pictures are used to demonstrate and visualise abstract ideas, along with numbers and symbols.
- Mathematical concepts are explored in a variety of representations and problem-solving contexts to give pupils a richer and deeper learning experience.

Below are some suggestions of various ways to help your child with maths:

- Regularly practise number facts (addition and subtraction)
- Look at related number facts. For example, if I know that  $5 + 4 = 9$  then I also know that  $50 + 40 = 90$ ; it's just ten times as much.
- Use mental methods to help solve some problems, e.g. rounding to 10 and adjusting, using near doubles, counting on for numbers close together.
- Support them in the written methods we have taught them so far for addition and subtraction:

Addition

Subtraction

$$\begin{array}{r} 1) \\ 35 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \\ \overset{1}{3}5 \\ + 26 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1) \\ 52 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \\ \overset{4}{5}2 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \\ \overset{1}{3}5 \\ + 26 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4) \\ 1 \\ 35 \\ + 26 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 3) \\ \overset{4}{5}2 \\ - 16 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4) \\ \overset{4}{5}2 \\ - 16 \\ \hline 36 \end{array}$$



- Use these mental and written skills in everyday situations, for example adding subtracting money or ingredients in the kitchen
- Talk together and have fun with numbers and patterns
- Be positive about maths – it is really important for your child’s learning, even if you didn’t enjoy it or found it difficult yourself at school!

Thank you for your continued support of your child’s learning,

The year 3 team

