## Shape

You could take your child on a 'shape walk' around an area such as Colchester to see what shapes they can spot. Look at the buildings to spot right angles and symmetrical shapes. Can they identify any irregular shapes by counting the numbers of sides?

## Money

Receiving (and spending!) pocket money can make children very keen learners in this area! Put them in charge of a small part of the shopping list at the supermarket and give them a budget they must not go over. This will encourage them to:

- *Recognise all coins and notes*
- *Total and write amounts up to £10 using £ and p*
- *Work out change that should be given.*

## Time

Make sure that there are both traditional and digital clocks around the house for your child to practise reading the time to 5 minute intervals. Ask them to be 'human alarm clocks' and to let you know when the oven needs turning off at 20 past 6. A watch is a great birthday present at this time if they haven't got one. Encourage your child to solve problems involving time e.g. this programme starts at 12.20 and it is 50 minutes long. What time will it finish?

## Measures

Cooking is a great way for your child to practise weighing and measuring in grams and kilograms. It's a terrific way to learn to accurately read scales and measure out capacities in litres and millilitres.

# Helping your child with maths in Year 3

This leaflet is to give you some ideas about how you can support your child's learning in maths in small, fun, practical ways at home this year.

Great Tey Church of England Primary School

Children's numeracy skills can be greatly boosted by help at home, in the same way that regular help with spelling and reading can nurture their literacy skills. Parents are often nervous to help in maths however, worried they may confuse their child by teaching them 'different' methods ("we didn't do it like this in my day…"!). At Great Tey, we aim to teach children to work with number in lots of different ways. We know that what works for one child will not always make sense to another and that by giving them a range of different methods, they will be well equipped to select one which works for them. So please, be encouraged to talk about maths with your child, you never know, they may even teach you a new thing or two!

Multiplication tables

Helping your child to learn multiplication facts and regularly going over them will benefit them enormously. They should learn to recite them in order as well as give 'quickfire' answers when they are jumbled up (e.g. "What are seven 4s?", "How many six's make 42?"). This can be done on car journeys or whenever there is a spare 5 minutes.

By the end of Year 3, it is hoped that your child will know their 2, 5, 10, 3, 4 and 6 times tables.

| 3 times table |
|---|
| 1 x 3 = 3 |
| 2 x 3 = 6 |
| 3 x 3 = 9 |
| 4 x 3 = 12 |
| 5 x 3 = 15 |
| 6 x 3 = 18 |
| 7 x 3 = 21 |
| 8 x 3 = 24 |
| 9 x 3 = 27 |
| 10 x 3 = 30 |
| 11 x 3 = 33 |
| 12 x 3 = 36 |

| 4 times table |
|---|
| 1 x 4 = 4 |
| 2 x 4 = 8 |
| 3 x 4 = 12 |
| 4 x 4 = 16 |
| 5 x 4 = 20 |
| 6 x 4 = 24 |
| 7 x 4 = 28 |
| 8 x 4 = 32 |
| 9 x 4 = 36 |
| 10 x 4 = 40 |
| 11 x 4 = 44 |
| 12 x 4 = 48 |

| 6 times table |
|---|
| 1 x 6 = 6 |
| 2 x 6 = 12 |
| 3 x 6 = 18 |
| 4 x 6 = 24 |
| 5 x 6 = 30 |
| 6 x 6 = 36 |
| 7 x 6 = 42 |
| 8 x 6 = 48 |
| 9 x 6 = 54 |
| 10 x 6 = 60 |
| 11 x 6 = 66 |
| 12 x 6 = 72 |

Number work at home

Children's number skills can be supported in all sorts of fun ways at home. Board games are a great way of making them familiar with the number system and addition and subtraction. Children can really enjoy inventing their own.

'Every day maths'

An important part of children's learning in maths involves applying their skills to everyday problems and situations. Encouraging them to practise their maths skills in daily life will benefit them enormously. The following questions may give you some ideas:

- *I need 20 envelopes. I've got 13, how many more do I need?*
- *I'm putting 3 sweets in each party bag. There are 9 party bags. How many sweets will I need?*
- *I've cut this pizza into 8 slices. You can have $\frac{1}{4}$ of it. How many slices will you have?*
- *How many tens in 56? How many ones?*

## Useful websites

www.multiplication.com

www.happychild.org.uk/wks/math/key2/multiply/index.htm

www.topmarks.co.uk

www.bbc.co.uk/schools/ks2bitesize/numeracy