How can I help my child?

Look for opportunities around you to help your child:

- Times table practice and games
- Mental addition and subtraction at home
- Share food, split it into fractions
- Asking your child to tell you the time using 12 hour and 24 hour

- Measuring and weighing things at home
- Use money to pay for items
- Identify shapes, patterns and symmetry around you.

Where can I find more information?

There is lots of information available on the internet. Here are just some websites you might find helpful:

www.mathletics.co.uk (all children have subscriptions to this website)

www.mathsformumsanddads.co.uk

www.mathszone.co.uk

www.mathsisfun.com

www.topmarks.co.uk/maths-games

www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml

www.transum.org/Software/Tablesmaster/

www.crickweb.co.uk/ks2numeracy-multiplication.html

DB platform in the learning library

Our full maths calculation policy is available on our school's website.

Maths for Parents

Lower Key Stage 2

KERR MACKIE PRIMARY SCHOOL

What topics we cover in Lower Key Stage 2.			
Number			
Number and place value **HTO** **Hundred, tens and ones.**	Addition and Subtraction + and -	Multiplication and division X and ÷	Fractions $\frac{1}{2}$
Measures	Geometry	Statistics	

Mastery of maths—depth of their understanding

How do you know this? What do you need to do to solve this? How can you prove it? Explain your answer.

Reasoning	**Problem solving**
Explaining their thinking about which aspect of maths they can use to solve a problem .	Ability to solve everyday problems and puzzle.

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Key maths vocabulary and calculation methods for years 3 and 4

</div>

Number, Place Value
TH H T O
4　7 5　4 = 4000 + 700 + 50 + 4
Rounding numbers up and down to the nearest 10, 100 and 1000.

Roman Numerals

NUMERALS 1-10

1 = I　6 = VI
2 = II　7 = VII
3 = III　8 = VIII
4 = IV　9 = IX
5 = V　10 = X

Addition and subtraction

Year 3

```
  83
+ 42
   5
 120
 125
```

```
557 − 226

    500  50  7
−   200  20  6
    300  30  1  = 331
```

Year 4

```
 358
 +73
  11
 120
 300
 431
```

```
  ⁸ ¹
  9 2
− 3 8
  5 4
```

Multiplication and division

Year 3

```
  3 2
X   3
  9 6
```

Sharing— 16 shared between 3, how many left over?

Grouping— how many 3s makes 16? How many are left over?

Year 4

```
0   3   6   9   12  15 16
```

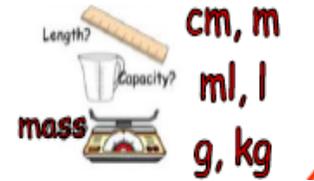```
  1 2 5
X 1 ₃7
  8 7 5
```

```
    1 0 r 1
  4 | 4 1
```
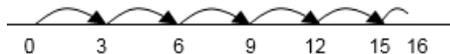
Fractions
Able to identify equivalent fractions, then on to equivalent fractions and decimals.
Find fractions of amounts.
1/3 of 12 rabbits = 12 ÷ 3 = 4 rabbits.

Measures

cm, m
ml, l
g, kg
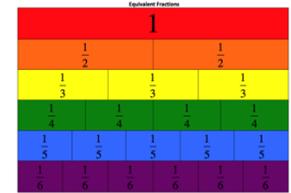
Time
60 seconds = 1 minute
60 minutes = 1 hour
24 hours = 1 day
365 days = 1 year (except a leap year 366 days)
How many days are there in each month?

Converting measurements
10mm =1 cm　　　100cm = 1m　　　1000m = 1km

Calculating perimeter = measure the sides of a shape, then add these together.

Geometry
Angles 90^0 = Right angle, 360^0 = full turn,
Acute angles from 0^0 to $89^{0.}$ Obtuse angles from 91^0 to 179^0

Lines horizontal = — vertical = |, Perpendicular = L or + Parallel =
Symmetry—how many lines of symmetry has a shape got and identifying these when the shapes are in different orientations.

Statistics

Pictogram　**Tally chart** Favorite Pets　**Bar charts**