Bramley Sunnyside Junior School

Information for Parents and Carers

The National Curriculum 2014

Expectations in Maths

In light of some of the new changes, we have put together an overview of two key areas from the new curriculum.

These are :

1) Multiplication and Division Facts
2) Time

Expectations across Year Groups
Multiplication and Division - Facts

<table>
<tr><th>Year 2</th><th>Year 3</th><th>Year 4</th><th>Year 5</th></tr>
<tr><td>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.</td><td>Recall and use multiplication and division facts for the multiplication tables:
* 3
* 4
* 8</td><td>Recall multiplication and division facts for multiplication tables up to 12 x 12.</td><td rowspan="2">No specific reference is made to knowledge of multiplication and division facts as it is expected these are known by the end of Year 4

In Year 5 and 6, this knowledge is applied to other aspects of learning including multiples and factors.</td></tr>
<tr><td colspan="3">The word derive no longer appears.
This means the children need to know the facts and can’t work them out.
(e.g. using fingers and counting on or by writing them down!)
Recall means within a few seconds</td></tr>
<tr><td>This is a key performance indicator meaning children in theory need to be secure with this by the end of Year 2</td><td>This is a key performance indicator meaning children in theory need to be secure with this by the end of Year 3</td><td>This is a key performance indicator meaning children in theory need to be secure with this by the end of Year 4</td><td>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.</td></tr>
</table>

Expectations across Year Groups - ***Time***

Year 1	Year 2	Year 3	Year 4	Year 5
Recognise and use language relating to dates, including days of the week, weeks, months and years. Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.	Compare and sequence intervals of time. Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times. Know the number of minutes in an hour and number of hours in a day.	Tell and write the time from: an analogue clock and 12-hour and 24-hour clocks; an analogue clock, including using Roman numerals from I to XII. Estimate and read time with increasing accuracy to the nearest minute. Record and compare time in terms of seconds, minutes and hours Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. Know the number of seconds in a minute and the number of days in each month, year and leap year Compare durations of events [for example to calculate the time taken by particular events or tasks].	Read, write and convert time between analogue and digital 12- and 24-hour clocks. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Solve problems involving converting between units of time.

How can you help?

Practice recall of multiplication and division facts on a regular basis. E.G
3 x 4 = 12
4 x 3 = 12
12 ÷ 4 = 3
12 ÷ 3 = 4

Try this Grand Prix style web link for a fun but competitive way to practice.

http://www.arcademicskillbuilders.com/games/grand_prix/grand_prix.html

Encourage your child to tell the time at home, count how many hours or minutes till particular events.

Buying a watch for your child to wear when you feel they are ready.

Maths Games
http://www.maths-games.org/