What do I need to know by the end of Year 5?

Children must:

- have a positive attitude towards all learning;

- respect all adults and their peers in school;

- always be dressed in line with the school policy;

- eat their lunch, which must be healthy, in a sensible manner;

- take responsibility for ensuring they are wearing PE kits on the day that they are needed, including swimming costumes, hats and towels;

- take responsibility for completing home learning on a weekly basis;

- pack and unpack their own bag and take responsibility for their own belongings – including their reading books.

Maths

Times Tables: all children should know their times tables up to 12 x 12 by the end of Year 4. The expectation in Year 5 is that children should know the inverse of each multiplication calculation
e.g.

3 x 4 = 12

12 ÷ 3 = 4

Children should also know what is meant by the terms squared (4^2 = children need to multiply that number by itself -> 4 x 4 = 16) and square root ($\sqrt{25}$ = children need to find which number when divided into that number will give the same number as the answer -> 25 ÷ 5 = 5.)
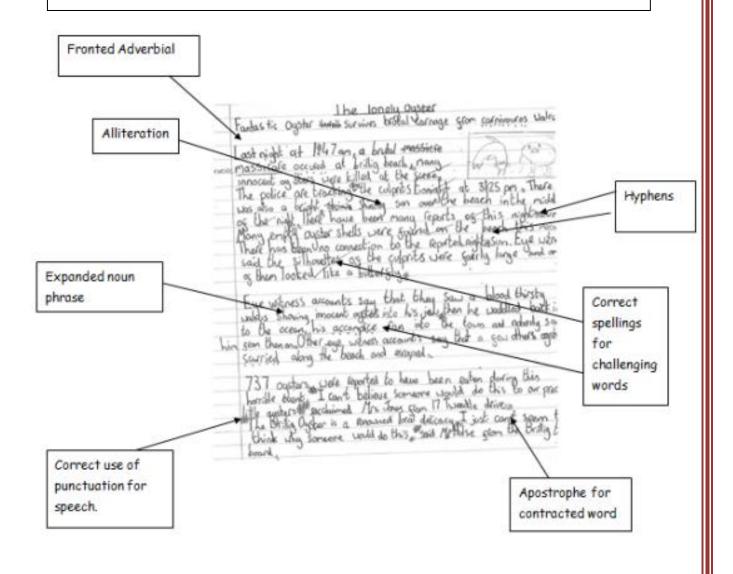
Please encourage your child to use Times Table Rock-stars to help support the learning of times tables.

English

Within the new English Curriculum spelling is a major focus. It is important that the children take time to learn the spellings given, practising them every day, recognising the rules for their spellings and identifying the meaning of the word. The curriculum has identified a list of key words (Year 5 and 6) which children should be able to spell and use correctly in their work. Please find the Year 5 list in the attached appendix.

Year 5 children are also taught a variety of ways to punctuate their work appropriately. These must be used regularly throughout all subjects so they are meeting expected standards in their written work.

All sentences are correctly punctuated and work is organised into paragraphs around a subject. Sentences begin in interesting and different ways and a range of sentences have been used (simple, compound, complex.)

Fronted Adverbial

Alliteration

Hyphens

Expanded noun phrase

Correct spellings for challenging words

Correct use of punctuation for speech.

Apostrophe for contracted word

The lonely Oyster

Fantastic Oyster survives brutal carnage from carnivorous Wales

Last night at 1947pm, a brutal massacre occured at Brilig beach, many innocent oysters were killed at the scene. The police are tracking the culprits tonight at 3125 pm. There was also a bright shining sun over the beach in the middle of the night. There have been many reports of this nightmare. Many empty oyster shells were found on the beach. There has been no connection to the reported night sun. Eye witnesses said the silhouettes of the culprits were fairly large and one of them looked like a butterfly.

Eye witness accounts say that they saw a blood thirsty walrus shoving innocent oysters into his jaws then he waddled back to the ocean, his accomplice ran into the town and nobody saw him ever then on. Other eye witness accounts say that a sea otters also scurried along the beach and escaped.

737 oysters were reported to have been eaten during this horrible event. "I can't believe someone would do this to our poor little oysters" exclaimed Mr Jones from 17 handle drive. "The Brilig Oyster is a renowned local delicacy I just can't even think why someone would do this." said Matthew from the Brilig board.

achieve	equipment	occupy
amateur	exaggerate	occur
ancient	excellent	parliament
appreciate	existence	privilege
attached	explanation	programme
available	foreign	recommend
average	forty	sacrifice
awkward	government	soldier
bruise	guarantee	sufficient
conscience	immediately	suggest
conscious	language	symbol
controversy	leisure	thorough
convenience	lightning	variety
curiosity	mischievous	vegetable
develop	muscle	vehicle
equip	neighbour	yacht
equipped	nuisance	

All children are expected to know all their times tables PLUS – squared and cubed numbers and Prime numbers.

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

1^2	1 x 1	1
2^2	2 x 2	4
3^2	3 x 3	9
4^2	4 x 4	16
5^2	5 x 5	25
6^2	6 x 6	36
7^2	7 x 7	49
8^2	8 x 8	64
9^2	9 x 9	81
10^2	10 x 10	100
11^2	11 x 11	121
12^2	12 x 12	144

PRIME NUMBERS

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

$1^3 = 1 \times 1 \times 1 = 1$

$2^3 = 2 \times 2 \times 2 = 8$

$3^3 = 3 \times 3 \times 3 = 27$

$4^3 = 4 \times 4 \times 4 = 64$

$5^3 = 5 \times 5 \times 5 = 125$

$6^3 = 6 \times 6 \times 6 = 216$

$7^3 = 7 \times 7 \times 7 = 343$

$8^3 = 8 \times 8 \times 8 = 512$

$9^3 = 9 \times 9 \times 9 = 729$

$10^3 = 10 \times 10 \times 10 = 1000$