

## Mathematics:

→ Read, write, order and compare up to four digit numbers, recognising the place value of each digit (e.g. how many 1,000s, how many 100s, how many 10s, how many 1s);

1	5	10	50	100
I	V	X	L	C

→ Read roman numerals:

→ Know key facts (see additional sheet);

→ Add and subtract numbers with up to four digits, using formal written methods of columnar addition and subtraction - see below:

Use place value equipment to model required exchanges.

1000	100	10	1
Th	H	T	O
●	●●●●●	●●●●●	●●●●●
●●●●●	●●	●●●●●	●●●●●

↓

1000	100	10	1
Th	H	T	O
●	●●●●●	●●●●●	●●●●●
●●●●●	●●	●●●●●	●●●●●

↓

1000	100	10	1
Th	H	T	O
●	●●●●●	●●●●●	●●●●●
●●●●●	●●	●●●●●	●●●●●

↓

1000	100	10	1
Th	H	T	O
●	●●●●●	●●●●●	●●●●●
●●●●●	●●	●●●●●	●●●●●

Include examples that exchange in more than one column.

Use a column method to add, including exchanges.

Th	H	T	O
1	5	5	4
+	4	2	3
7			
7			
9			
1			

↓

Th	H	T	O
1	5	5	4
+	4	2	3
7			
9			
1			

↓

Th	H	T	O
1	5	5	4
+	4	2	3
7			
9			
1			

Include examples that exchange in more than one column.

Th	H	T	O
2	4	0	2
-	2	4	3

↓

Th	H	T	O
2	4	9	2
-	2	4	3

↓

Th	H	T	O
2	4	9	2
-	2	4	3

→ Be fluent with all times tables up to 12x12 (children should be able to recall the times tables in any order and know the inverse (division fact));

→ Examples of online activities:

<https://trockstars.com/>

<https://mathsbot.com/manipulatives/placeValueCounters>

Month	Days
January	31
February	28 (29 in leap year)
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31
1 year = 365 days (= 52 weeks)	
Leap year = 366 days	

1 centimetre	10mm
1 metre	100cm
1 kilometre	1,000 m
1 mile	1.6 km
1 kilometre	0.625 ( $\frac{5}{8}$ ) mile
1 kilogram	1,000 grams
1 litre	1,000 millilitres

**Measure conversions**

**Angles**

full turn	360°
half turn	180°
right angle	90°
angles on a straight line	180°
angles inside a triangle	180°

**YEAR 4 - KEY MATHS FACTS**

**Fractions, decimals, percentages**

$\frac{1}{4}$	0.25	25%
$\frac{1}{2}$	0.5	50%
$\frac{3}{4}$	0.75	75%
1	1	100%

**Shape**

Name	No. of sides
quadrilateral	4
pentagon	5
hexagon	6
heptagon	7
octagon	8
nonagon	9
decagon	10

polygon = shape with straight sides  
 regular = all sides/angles the same  
 irregular = sides/angles not same

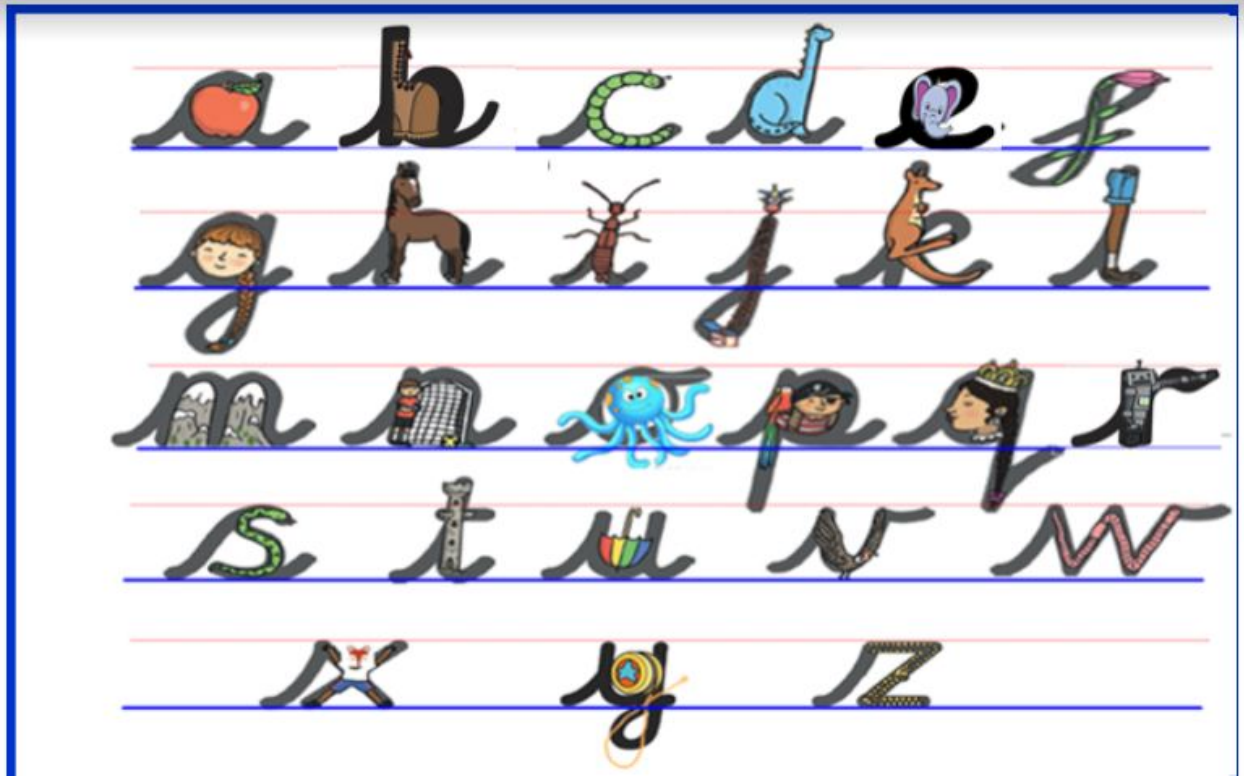
horizontal line

vertical line

parallel lines

**English:**

- Know Year 4 spelling rules (see Home-School diary) and recall rules and phonics from prior year groups
- Read daily a book of choice and reread pages to build fluency
- Regularly read a variety of reading materials and literature.
- Listen to a grown up read stories and ask and answer questions remembering question types (copy cat, text detective, you judge)
- Correctly form all letters of the alphabet using a cursive print and correctly join digraphs, trigraphs and letter strings.
- Spell all of the Year 3 and 4 wordlist
- Read and write the first 200 high frequency words



## Year 3 and 4 Statutory Spellings

accident	caught	eighth	heard	minute	possible	strange
accidentally	centre	enough	heart	natural	potatoes	strength
actual	century	exercise	height	naughty	pressure	suppose
actually	certain	experience	history	notice	probably	surprise
address	circle	experiment	imagine	occasion	promise	therefore
answer	complete	extreme	increase	occasionally	purpose	though
appear	consider	famous	important	often	quarter	although
arrive	continue	favourite	interest	opposite	question	thought
believe	decide	February	island	ordinary	recent	through
bicycle	describe	forward	knowledge	particular	regular	various
breath	different	forwards	learn	peculiar	reign	weight
breathe	difficult	fruit	length	perhaps	remember	woman
build	disappear	grammar	library	popular	sentence	women
busy	early	group	material	position	separate	
business	earth	guard	medicine	possess	special	
calendar	eight	guide	mention	possession	straight	